



Cable ID: D2-15

Test Summary: PASS

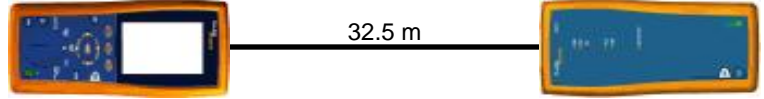
Date / Time: 08/24/2009 11:27:27am
Headroom: 4.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

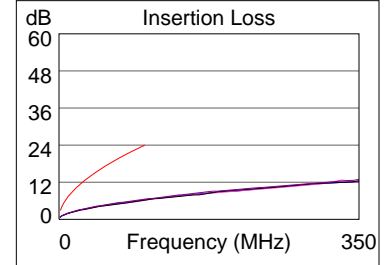
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

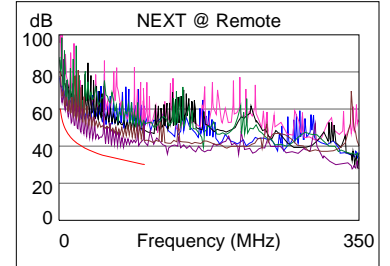
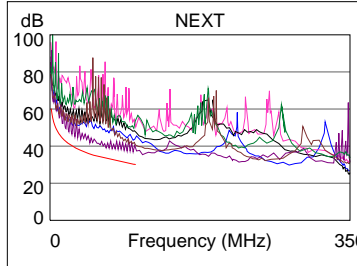
PASS



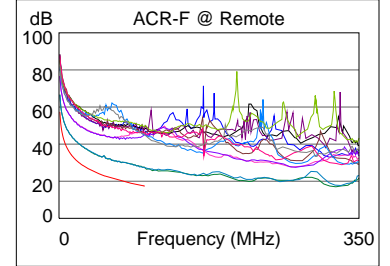
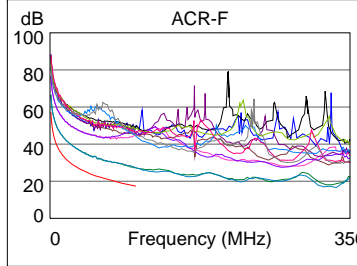
Length (m), Limit 100.0	[Pair 45]	32.5
Prop. Delay (ns), Limit 555		164
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	5.4
Insertion Loss Margin (dB)	[Pair 78]	17.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



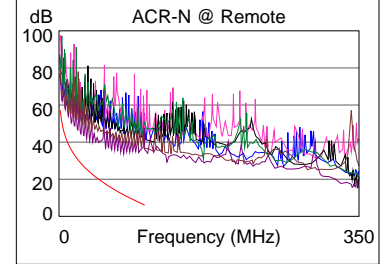
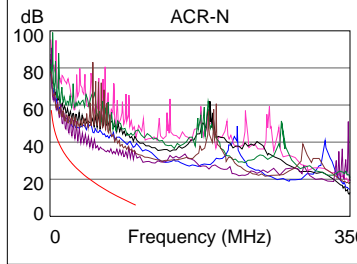
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.8	6.2	6.5	8.1
Freq. (MHz)	57.8	36.0	97.3	93.8
Limit (dB)	34.2	37.7	30.3	30.6
Worst Pair	36	45	36	45
PS NEXT (dB)	7.5	8.9	8.4	8.9
Freq. (MHz)	57.8	43.5	97.3	75.5
Limit (dB)	31.2	33.3	27.3	29.2



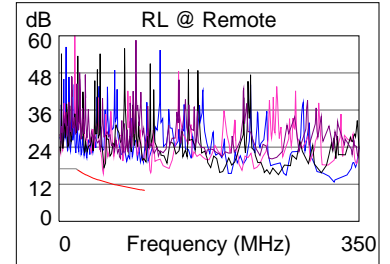
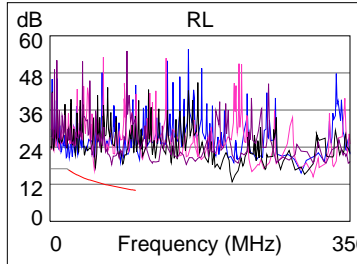
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	9.1	9.1	9.6	9.7
Freq. (MHz)	2.6	2.3	98.0	98.0
Limit (dB)	49.0	50.4	17.6	17.6
Worst Pair	45	45	45	36
PS ACR-F (dB)	11.6	11.6	12.4	12.4
Freq. (MHz)	2.6	2.3	98.0	98.3
Limit (dB)	46.0	47.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	12.0	11.7	24.1	25.3
Freq. (MHz)	3.1	3.1	97.3	93.8
Limit (dB)	51.4	51.4	6.6	7.4
Worst Pair	45	45	36	45
PS ACR-N (dB)	13.3	13.3	26.1	27.8
Freq. (MHz)	3.1	3.1	97.3	93.8
Limit (dB)	48.4	48.4	3.6	4.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	3.6	2.5	3.6	2.5
Freq. (MHz)	51.8	51.8	51.8	51.8
Limit (dB)	12.9	12.9	12.9	12.9



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



Cable ID: D2-14

Test Summary: PASS

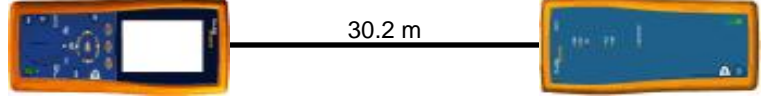
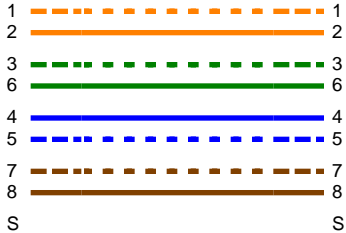
Date / Time: 08/24/2009 11:31:53am
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

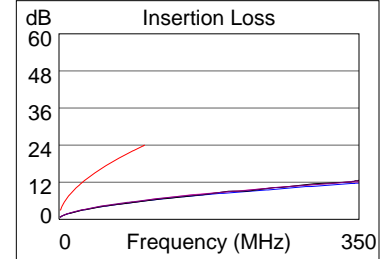
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

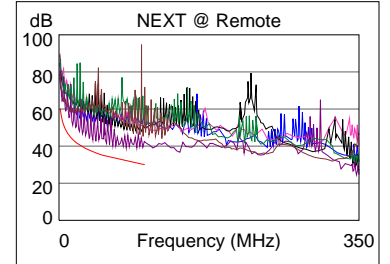
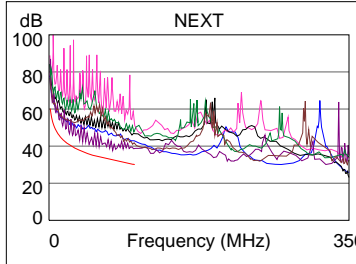
PASS



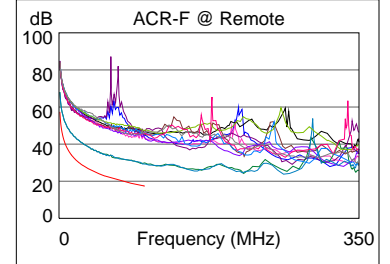
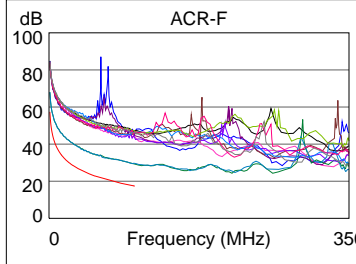
Length (m), Limit 100.0	[Pair 45]	30.2
Prop. Delay (ns), Limit 555		157
Delay Skew (ns), Limit 50		11
Resistance (ohms)	[Pair 36]	5.1
Insertion Loss Margin (dB)	[Pair 78]	17.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



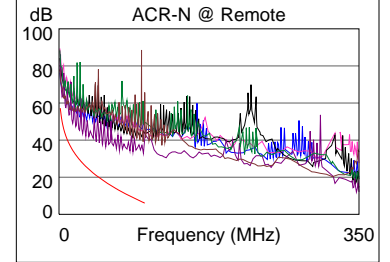
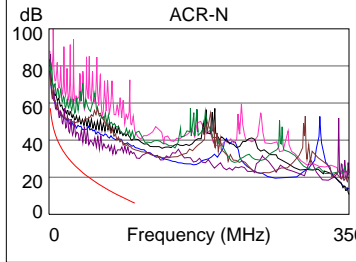
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.9	5.8	5.5	8.6
Freq. (MHz)	47.0	54.8	78.5	98.3
Limit (dB)	35.7	34.6	31.9	30.2
Worst Pair	36	36	45	45
PS NEXT (dB)	7.4	8.4	8.8	10.5
Freq. (MHz)	35.5	54.8	98.0	98.3
Limit (dB)	34.8	31.6	27.2	27.2



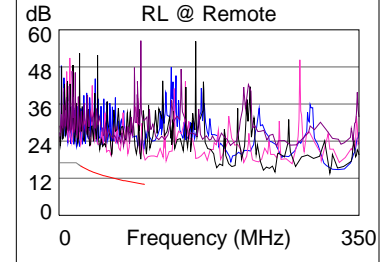
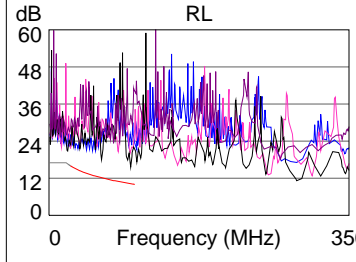
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	10.5	10.5	11.8	11.7
Freq. (MHz)	1.0	2.4	100.0	100.0
Limit (dB)	57.4	49.9	17.4	17.4
Worst Pair	36	36	45	36
PS ACR-F (dB)	13.3	13.3	14.5	14.6
Freq. (MHz)	2.4	3.0	100.0	100.0
Limit (dB)	46.9	44.9	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	13.1	25.3	26.5
Freq. (MHz)	3.6	3.5	98.0	98.3
Limit (dB)	50.0	50.3	6.5	6.4
Worst Pair	36	36	45	45
PS ACR-N (dB)	13.9	14.6	26.6	28.4
Freq. (MHz)	3.4	3.4	98.0	98.3
Limit (dB)	47.7	47.7	3.5	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	36	45	36
RL (dB)	5.4	7.1	5.4	7.9
Freq. (MHz)	95.3	60.3	95.3	100.0
Limit (dB)	10.2	12.2	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: D2-13

Test Summary: FAIL

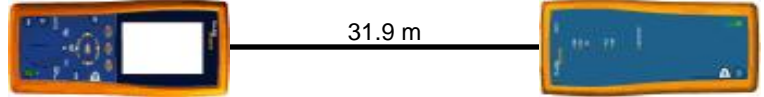
Date / Time: 08/24/2009 11:25:47am
Headroom: 4.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

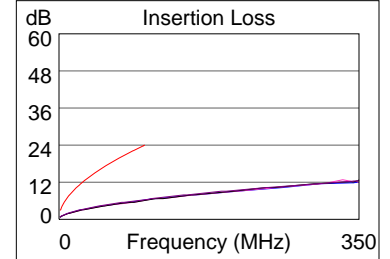
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

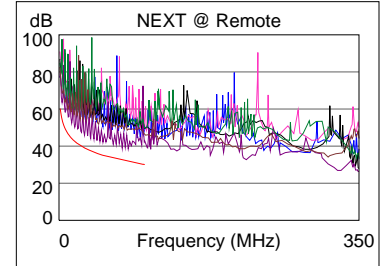
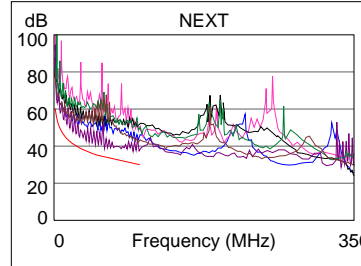
PASS



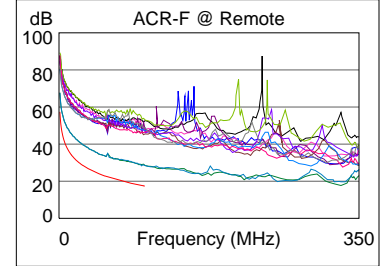
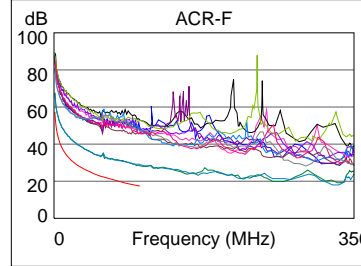
Length (m), Limit 100.0	[Pair 45]	31.9
Prop. Delay (ns), Limit 555		161
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 78]	17.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



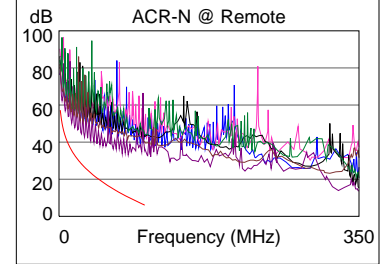
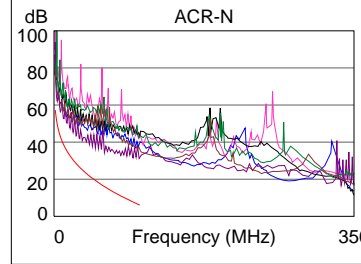
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.5	6.3	6.5	6.4
Freq. (MHz)	59.3	51.8	92.0	81.3
Limit (dB)	34.0	35.0	30.7	31.6
Worst Pair	36	36	36	36
PS NEXT (dB)	7.3	9.0	9.0	9.0
Freq. (MHz)	59.3	51.5	99.3	81.3
Limit (dB)	31.0	32.0	27.1	28.6



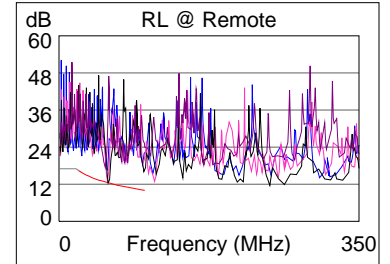
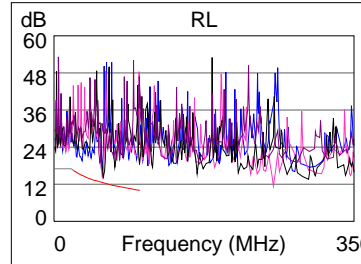
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	10.1	10.0	10.7	10.6
Freq. (MHz)	2.3	2.8	100.0	96.3
Limit (dB)	50.4	48.6	17.4	17.7
Worst Pair	45	36	45	36
PS ACR-F (dB)	12.9	12.9	13.6	13.6
Freq. (MHz)	2.1	59.0	100.0	100.0
Limit (dB)	47.9	19.0	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	11.8	11.8	24.8	22.4
Freq. (MHz)	3.4	3.3	99.8	81.3
Limit (dB)	50.7	51.0	6.1	10.2
Worst Pair	45	45	45	36
PS ACR-N (dB)	13.4	13.7	26.8	25.1
Freq. (MHz)	3.4	3.3	99.3	81.3
Limit (dB)	47.7	48.0	3.2	7.2



	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	45	45	45	45
RL (dB)	1.8	-0.4*F	1.8	-0.4
Freq. (MHz)	57.5	57.8	57.5	57.8
Limit (dB)	12.4	12.4	12.4	12.4



* Measurement is within the accuracy limits of the instrument.



Cable ID: D2-09

Test Summary: PASS

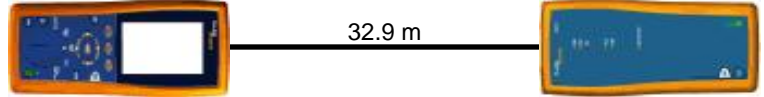
Date / Time: 08/24/2009 11:21:25am
Headroom: 3.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

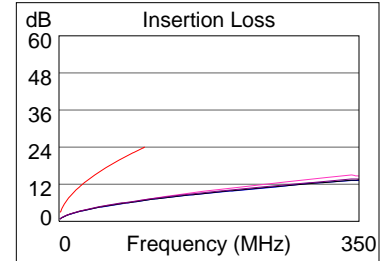
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

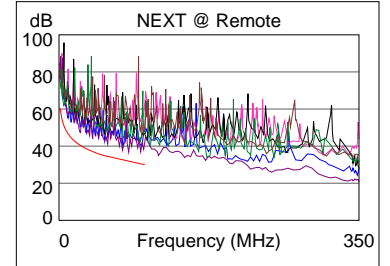
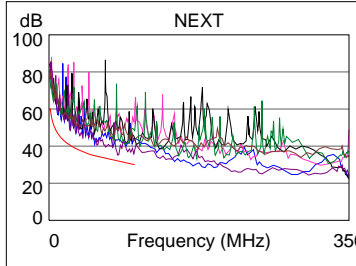
PASS



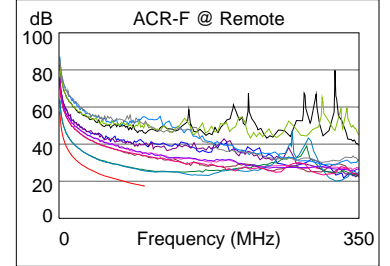
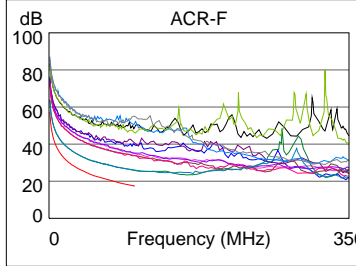
Length (m), Limit 100.0	[Pair 12]	32.9
Prop. Delay (ns), Limit 555		163
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.1
Insertion Loss Margin (dB)	[Pair 36]	17.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



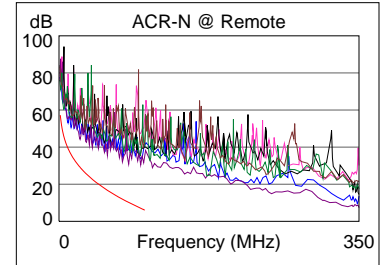
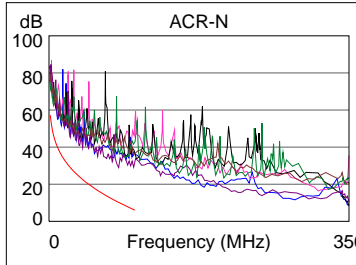
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.0	4.8	3.0	4.8
Freq. (MHz)	80.8	80.8	80.8	80.8
Limit (dB)	31.7	31.7	31.7	31.7
Worst Pair	36	36	36	36
PS NEXT (dB)	5.2	6.5	5.2	7.3
Freq. (MHz)	80.8	74.5	81.3	95.3
Limit (dB)	28.7	29.3	28.6	27.4



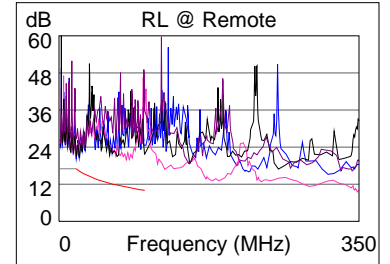
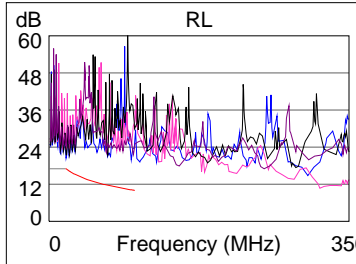
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.3	6.2	8.2	8.0
Freq. (MHz)	1.0	1.0	99.8	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.6	8.8	10.7	10.5
Freq. (MHz)	1.0	1.6	100.0	99.8
Limit (dB)	54.4	50.2	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	12-36	36-45	36-45
ACR-N (dB)	14.5	13.3	18.4	23.3
Freq. (MHz)	1.6	10.1	80.8	95.0
Limit (dB)	56.9	39.8	10.3	7.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	15.1	14.1	20.5	23.8
Freq. (MHz)	10.3	10.1	81.3	95.3
Limit (dB)	36.6	36.8	7.2	4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	12	36
RL (dB)	4.6	4.1	9.6	8.8
Freq. (MHz)	20.4	20.4	96.3	78.8
Limit (dB)	16.9	16.9	10.2	11.0



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



Cable ID: D2-08

Test Summary: PASS

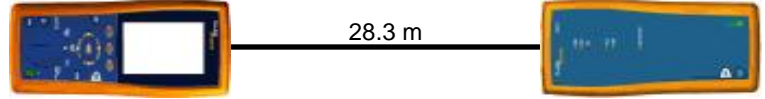
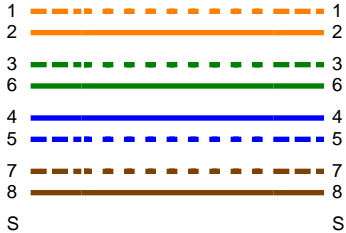
Date / Time: 08/24/2009 11:29:18am
Headroom: 3.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

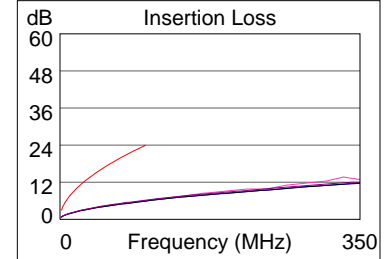
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

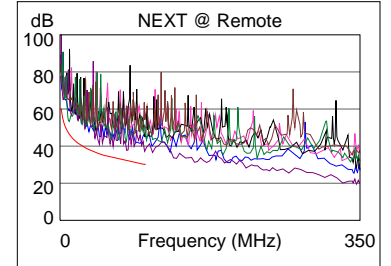
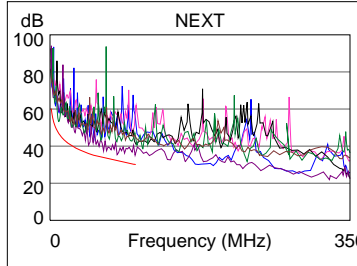
PASS



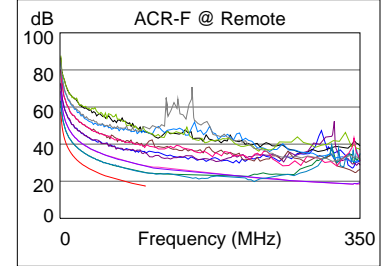
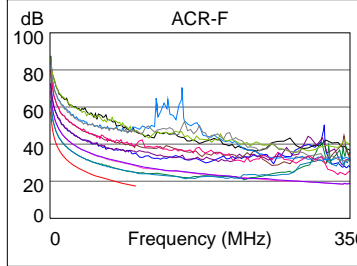
Length (m), Limit 100.0	[Pair 12]	28.3
Prop. Delay (ns), Limit 555		141
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



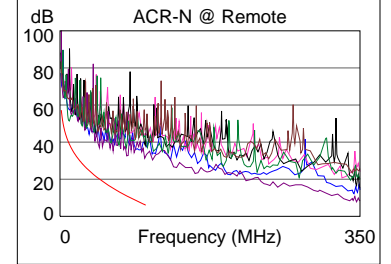
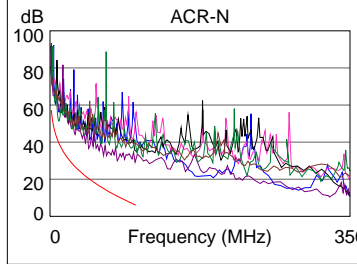
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.0	4.5	3.0	4.8
Freq. (MHz)	78.8	45.3	78.8	78.5
Limit (dB)	31.9	36.0	31.9	31.9
Worst Pair	36	36	36	36
PS NEXT (dB)	5.3	6.4	5.3	7.0
Freq. (MHz)	78.8	45.8	78.8	78.3
Limit (dB)	28.9	32.9	28.9	28.9



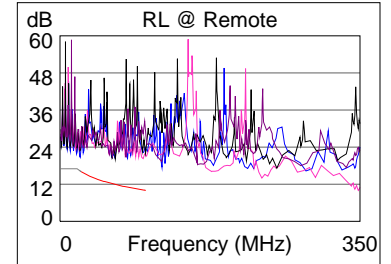
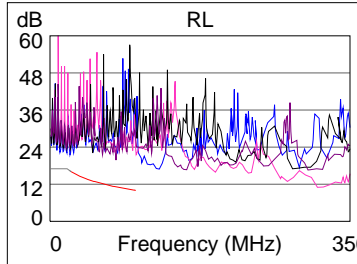
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	5.8	5.8	7.1	7.0
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.7	7.7	8.7	8.6
Freq. (MHz)	2.3	1.1	98.5	98.8
Limit (dB)	47.4	53.4	14.5	14.5



	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)	11.5	11.7	22.8	24.7
Freq. (MHz)	10.0	10.0	99.5	99.3
Limit (dB)	39.9	39.9	6.2	6.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	12.7	13.8	25.0	26.7
Freq. (MHz)	10.1	10.1	100.0	99.5
Limit (dB)	36.8	36.8	3.1	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	36
RL (dB)	6.5	6.2	8.7	9.3
Freq. (MHz)	27.3	27.3	77.0	96.0
Limit (dB)	15.7	15.7	11.1	10.2



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



Cable ID: D2-07

Test Summary: PASS

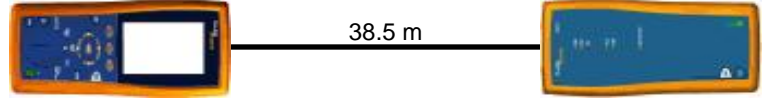
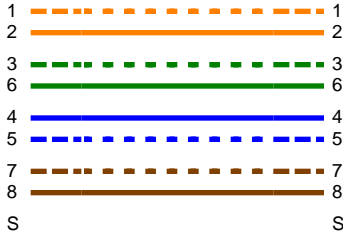
Date / Time: 08/24/2009 11:30:14am
Headroom: 3.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

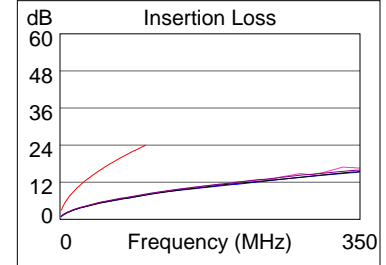
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

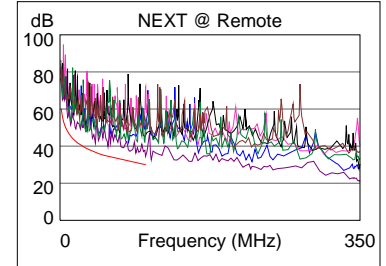
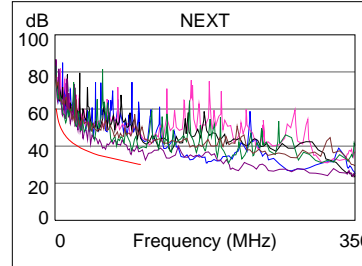
PASS



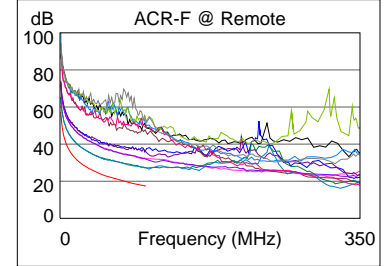
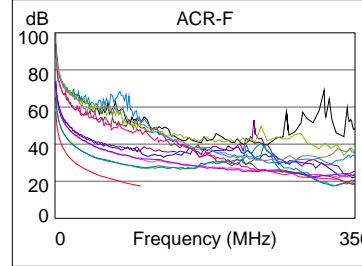
Length (m), Limit 100.0	[Pair 12]	38.5
Prop. Delay (ns), Limit 555		191
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.0
Insertion Loss Margin (dB)	[Pair 78]	15.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



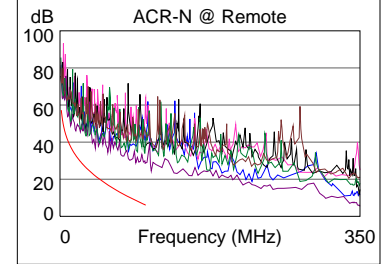
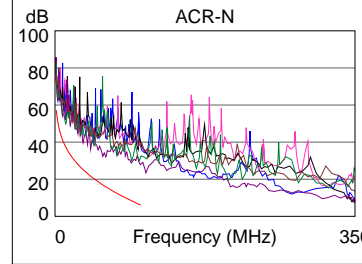
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.1	3.8	4.0	3.8
Freq. (MHz)	56.3	100.0	100.0	100.0
Limit (dB)	34.4	30.1	30.1	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	5.6	6.4	5.6	6.4
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	27.1	27.1	27.1	27.1



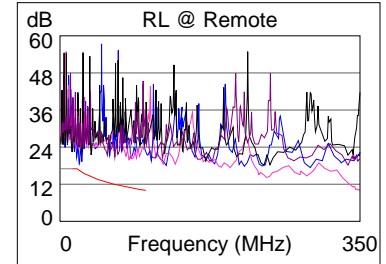
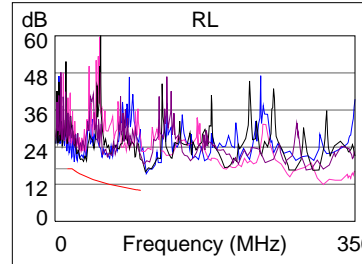
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	7.4	7.4	9.8	9.6
Freq. (MHz)	2.1	2.1	100.0	98.0
Limit (dB)	50.9	50.9	17.4	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.5	9.6	11.6	11.6
Freq. (MHz)	2.1	2.0	98.8	100.0
Limit (dB)	47.9	48.4	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	10.5	10.7	20.1	19.9
Freq. (MHz)	2.5	2.5	100.0	100.0
Limit (dB)	53.4	53.4	6.1	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	11.8	12.1	21.5	22.3
Freq. (MHz)	2.8	12.4	100.0	100.0
Limit (dB)	49.5	34.5	3.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	2.7	2.1	4.5	2.1
Freq. (MHz)	22.5	22.5	36.3	22.5
Limit (dB)	16.5	16.5	14.4	16.5



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



Cable ID: D2-06

Test Summary: PASS

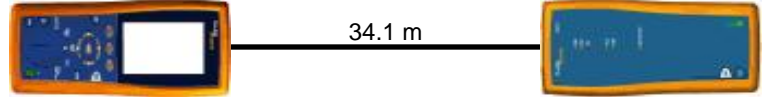
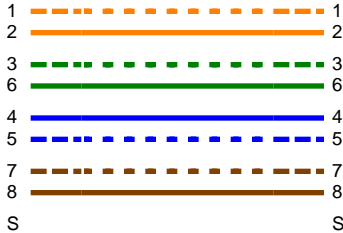
Date / Time: 08/24/2009 11:24:43am
Headroom: 2.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

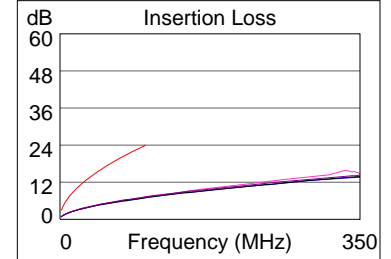
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

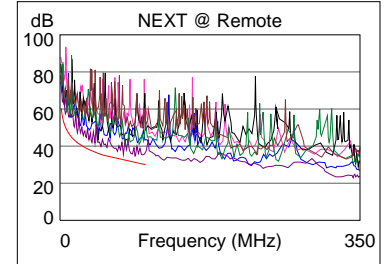
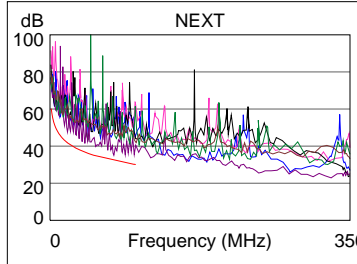
PASS



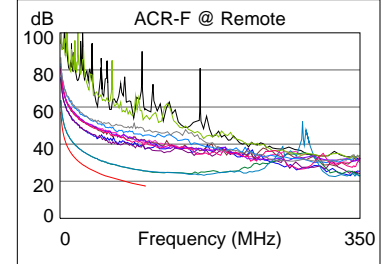
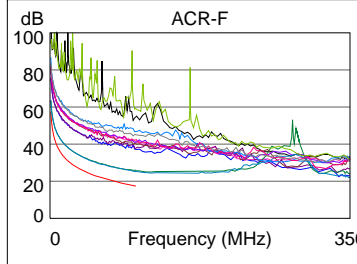
Length (m), Limit 100.0	[Pair 12]	34.1
Prop. Delay (ns), Limit 555		170
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.4
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



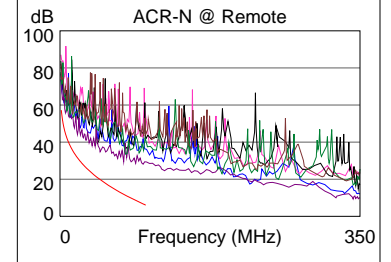
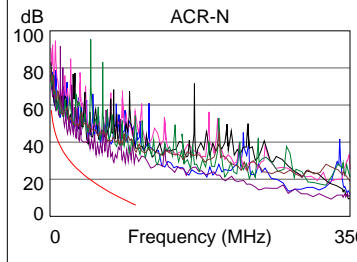
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.7	3.2	2.7	3.4
Freq. (MHz)	74.3	74.3	74.3	87.8
Limit (dB)	32.3	32.3	32.3	31.1
Worst Pair	36	36	36	36
PS NEXT (dB)	5.5	5.3	5.5	6.4
Freq. (MHz)	74.3	74.3	74.3	97.5
Limit (dB)	29.3	29.3	29.3	27.3



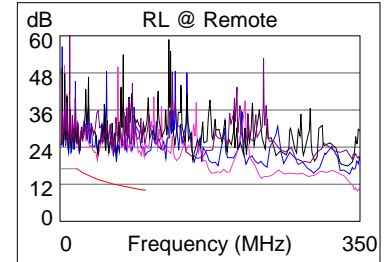
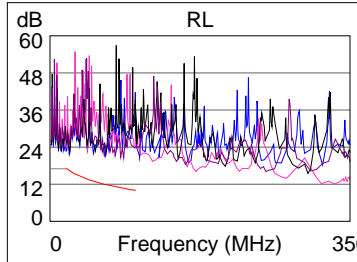
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.2	6.2	7.6	7.9
Freq. (MHz)	2.1	1.1	98.3	98.5
Limit (dB)	50.9	56.4	17.6	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.8	8.8	10.4	10.5
Freq. (MHz)	1.1	2.1	99.5	98.3
Limit (dB)	53.4	47.9	14.4	14.6



	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)	12.7	10.3	22.1	21.0
Freq. (MHz)	2.8	2.8	98.0	97.5
Limit (dB)	52.5	52.5	6.5	6.6
Worst Pair	36	36	45	36
PS ACR-N (dB)	12.9	11.9	24.4	23.0
Freq. (MHz)	1.9	2.3	98.0	97.5
Limit (dB)	52.8	51.3	3.5	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	5.0	5.6	9.8	7.5
Freq. (MHz)	22.6	22.6	86.0	65.5
Limit (dB)	16.5	16.5	10.7	11.8



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



Cable ID: D2-05

Test Summary: PASS

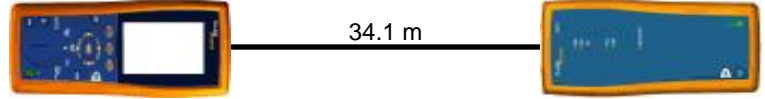
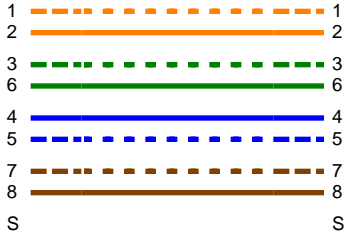
Date / Time: 08/24/2009 11:23:34am
Headroom: 3.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

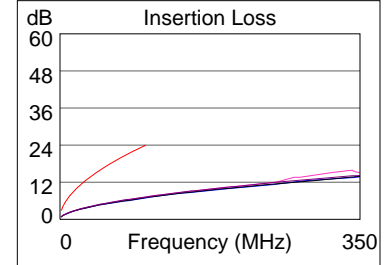
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

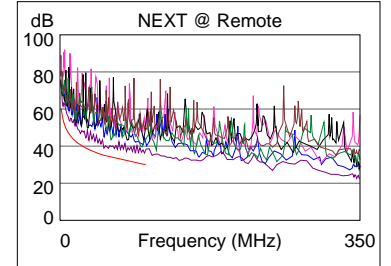
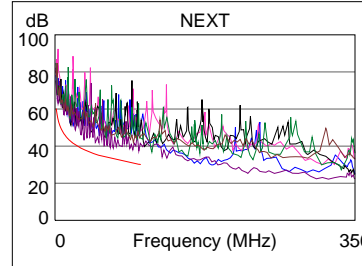
PASS



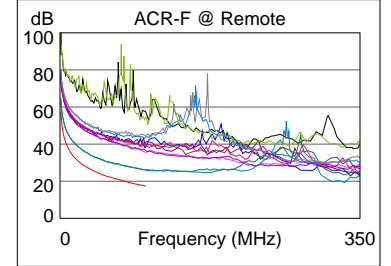
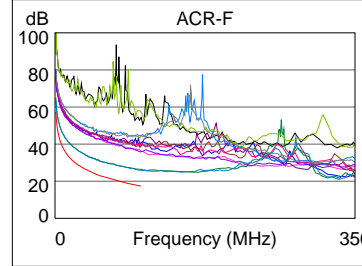
Length (m), Limit 100.0	[Pair 12]	34.1
Prop. Delay (ns), Limit 555		170
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.3
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



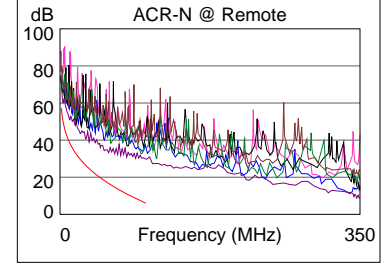
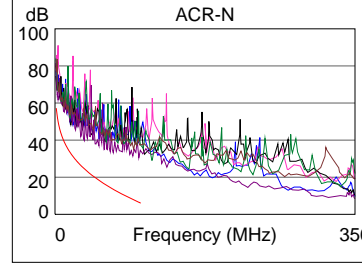
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.2	3.7	6.8	5.5
Freq. (MHz)	33.8	50.8	98.0	98.0
Limit (dB)	38.1	35.1	30.2	30.2
Worst Pair	36	36	45	36
PS NEXT (dB)	7.4	5.8	8.1	6.3
Freq. (MHz)	64.0	51.0	91.3	94.8
Limit (dB)	30.4	32.1	27.8	27.5



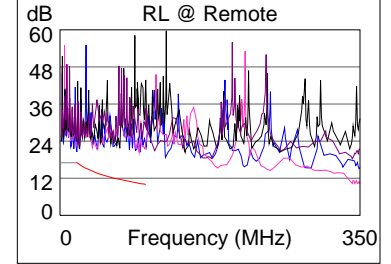
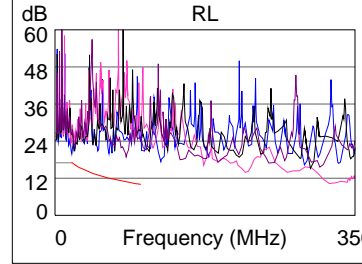
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	6.0	6.0	8.4	8.5
Freq. (MHz)	1.0	1.0	97.5	97.8
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.6	8.8	11.2	11.0
Freq. (MHz)	1.0	1.0	99.8	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	11.0	9.4	23.6	22.3
Freq. (MHz)	3.3	2.9	98.0	98.0
Limit (dB)	51.0	52.1	6.5	6.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	12.7	11.6	25.9	22.7
Freq. (MHz)	3.3	2.9	98.3	94.8
Limit (dB)	48.0	49.1	3.4	4.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	2.9	3.5	8.1	7.2
Freq. (MHz)	19.6	19.6	83.0	50.5
Limit (dB)	17.0	17.0	10.8	13.0



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



Cable ID: D2-04

Test Summary: PASS

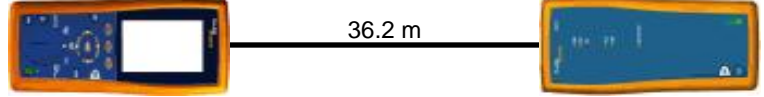
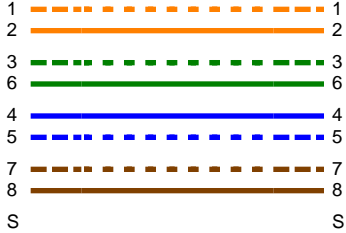
Date / Time: 08/24/2009 11:33:53am
Headroom: 3.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

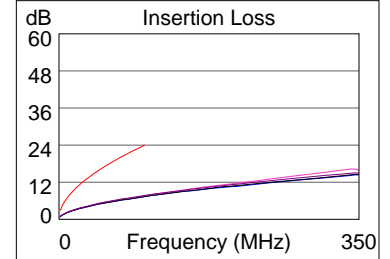
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

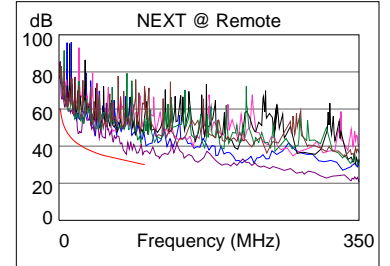
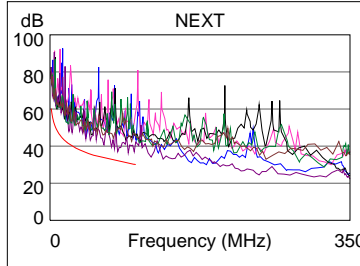
PASS



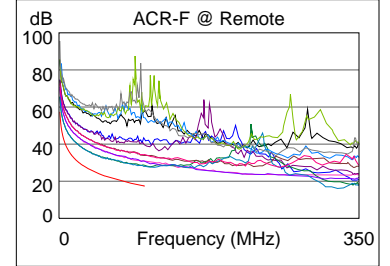
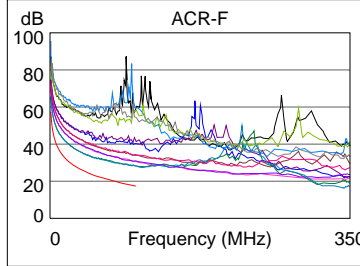
Length (m), Limit 100.0	[Pair 12]	36.2
Prop. Delay (ns), Limit 555		180
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.6
Insertion Loss Margin (dB)	[Pair 78]	16.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



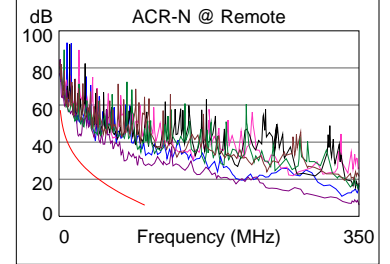
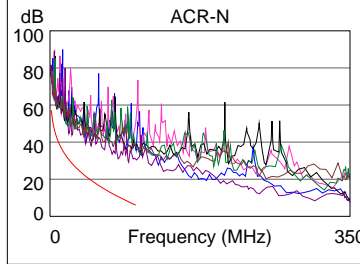
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.2	3.7	5.4	4.0
Freq. (MHz)	78.8	78.5	91.5	91.5
Limit (dB)	31.9	31.9	30.7	30.7
Worst Pair	36	36	45	36
PS NEXT (dB)	7.6	6.4	7.8	6.4
Freq. (MHz)	41.8	91.5	91.5	91.5
Limit (dB)	33.6	27.7	27.7	27.7



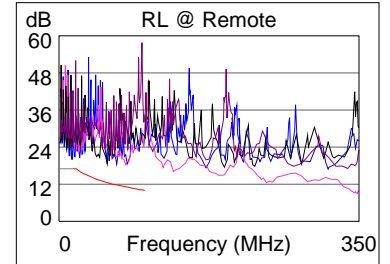
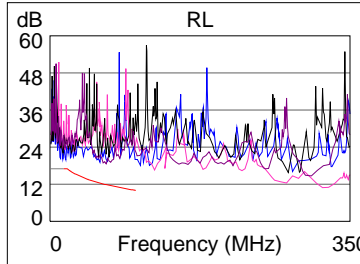
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	8.1	8.1	10.7	10.5
Freq. (MHz)	1.0	1.3	99.0	98.8
Limit (dB)	57.4	55.5	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.8	9.7	11.9	11.5
Freq. (MHz)	2.3	2.3	99.8	96.0
Limit (dB)	47.4	47.4	14.4	14.8



	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: D2-03

Test Summary: PASS

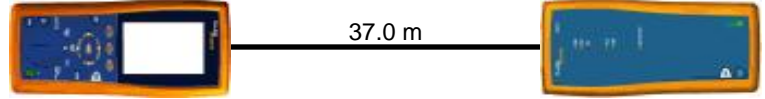
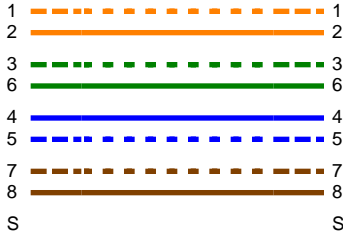
Date / Time: 08/24/2009 11:54:17am
Headroom: 3.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

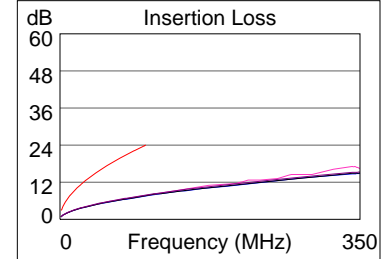
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

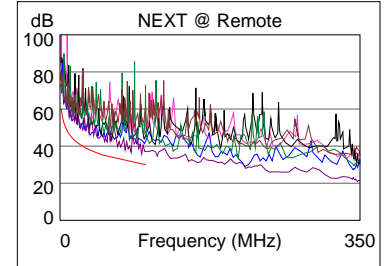
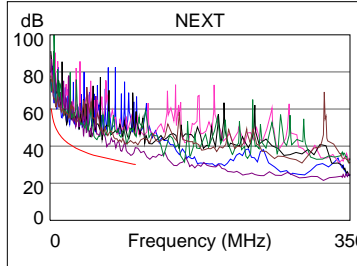
PASS



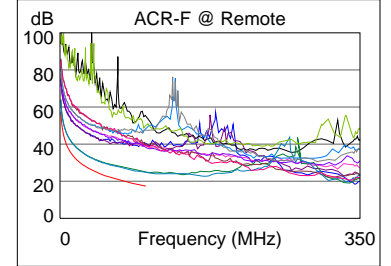
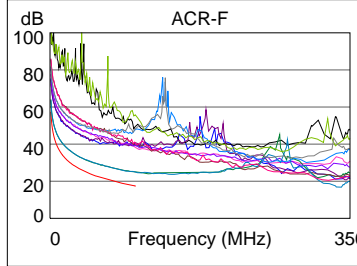
Length (m), Limit 100.0	[Pair 12]	37.0
Prop. Delay (ns), Limit 555		184
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.9
Insertion Loss Margin (dB)	[Pair 36]	16.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



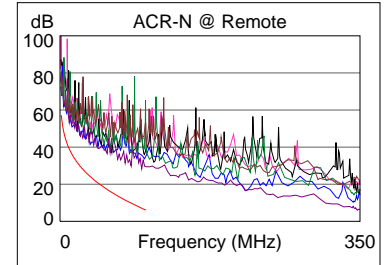
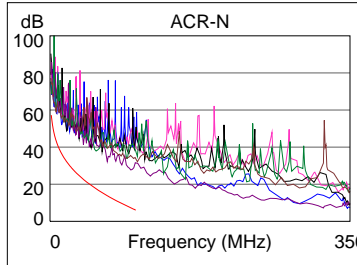
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.6	5.0	3.6	5.1
Freq. (MHz)	95.0	82.8	95.0	95.0
Limit (dB)	30.5	31.5	30.5	30.5
Worst Pair	45	36	45	36
PS NEXT (dB)	6.1	6.8	6.1	7.4
Freq. (MHz)	95.0	82.5	95.0	95.0
Limit (dB)	27.5	28.5	27.5	27.5



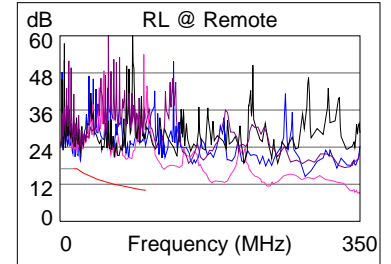
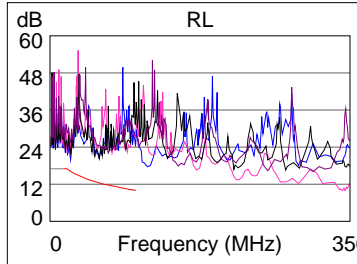
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	5.6	5.6	7.4	7.4
Freq. (MHz)	1.5	1.5	99.0	99.5
Limit (dB)	53.9	53.9	17.5	17.4
Worst Pair	45	36	36	36
PS ACR-F (dB)	8.3	8.3	10.1	10.2
Freq. (MHz)	1.5	1.5	99.0	99.3
Limit (dB)	50.9	50.9	14.5	14.5



	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)	11.9	11.0	19.6	21.1
Freq. (MHz)	1.8	1.6	95.0	95.0
Limit (dB)	56.4	56.9	7.1	7.1
Worst Pair	36	36	45	36
PS ACR-N (dB)	12.4	12.1	22.1	23.3
Freq. (MHz)	1.8	1.6	95.0	95.0
Limit (dB)	53.4	53.9	4.1	4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	36
RL (dB)	3.7	3.4	3.7	7.9
Freq. (MHz)	23.9	23.8	23.9	76.0
Limit (dB)	16.2	16.3	16.2	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: D2-02

Test Summary: PASS

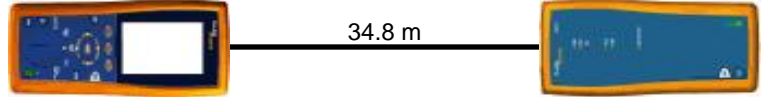
Date / Time: 08/24/2009 11:45:03am
Headroom: 4.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

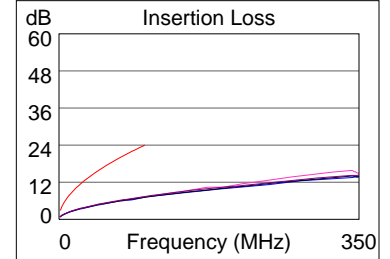
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

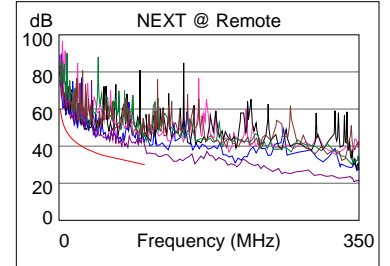
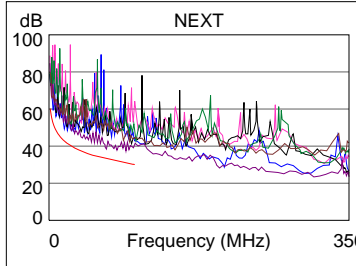
PASS



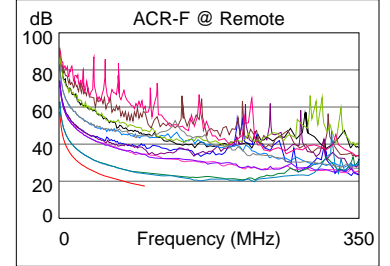
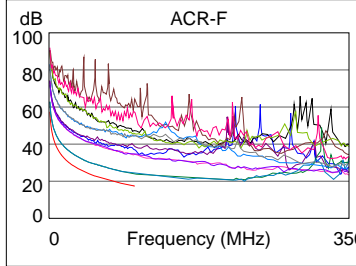
Length (m), Limit 100.0	[Pair 12]	34.8
Prop. Delay (ns), Limit 555		172
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 45]	6.4
Insertion Loss Margin (dB)	[Pair 36]	16.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



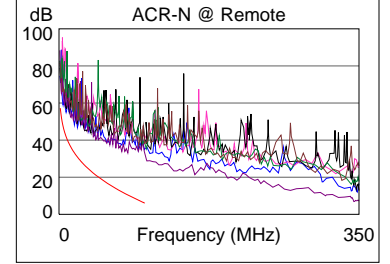
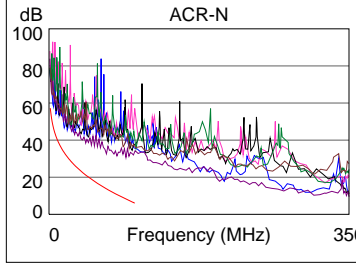
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.3	6.5	5.5	6.5
Freq. (MHz)	66.3	79.5	79.8	79.5
Limit (dB)	33.2	31.8	31.8	31.8
Worst Pair	36	36	45	36
PS NEXT (dB)	7.2	7.8	7.8	7.8
Freq. (MHz)	66.3	72.8	79.8	72.8
Limit (dB)	30.2	29.5	28.8	29.5



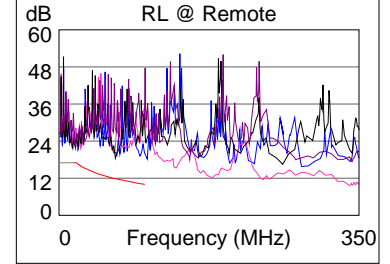
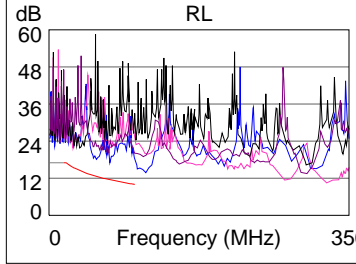
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.3	5.3	6.5	6.4
Freq. (MHz)	1.6	1.6	99.3	100.0
Limit (dB)	53.2	53.2	17.5	17.4
Worst Pair	36	45	45	45
PS ACR-F (dB)	7.9	8.0	9.1	9.1
Freq. (MHz)	1.0	1.6	99.3	99.3
Limit (dB)	54.4	50.2	14.5	14.5



	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)	10.4	11.2	22.4	21.4
Freq. (MHz)	4.6	4.5	89.8	79.5
Limit (dB)	47.7	48.0	8.3	10.6
Worst Pair	12	12	45	36
PS ACR-N (dB)	12.8	13.7	25.4	27.4
Freq. (MHz)	8.1	8.1	93.8	100.0
Limit (dB)	39.1	39.1	4.4	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	4.8	4.5	4.8	6.6
Freq. (MHz)	71.5	22.0	71.5	65.5
Limit (dB)	11.5	16.6	11.5	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: D2-01

Test Summary: PASS

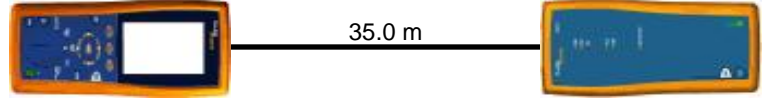
Date / Time: 08/24/2009 11:43:43am
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

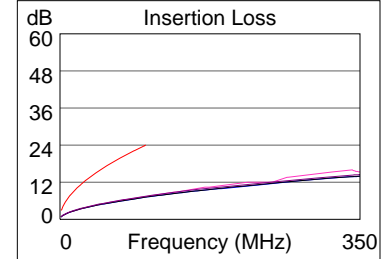
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

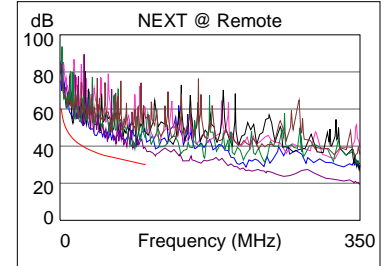
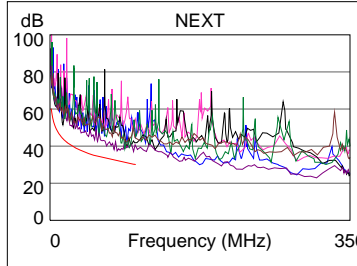
PASS



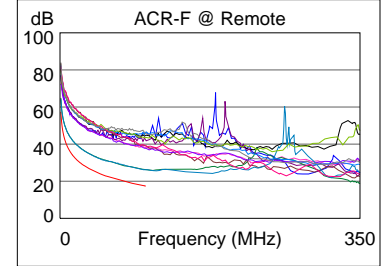
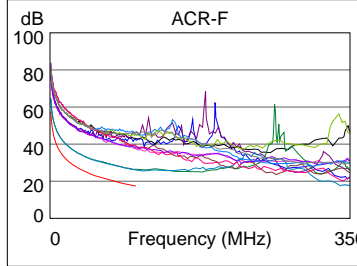
Length (m), Limit 100.0	[Pair 12]	35.0
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.5
Insertion Loss Margin (dB)	[Pair 36]	16.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



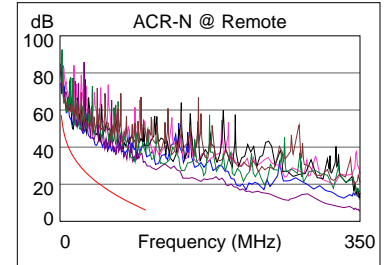
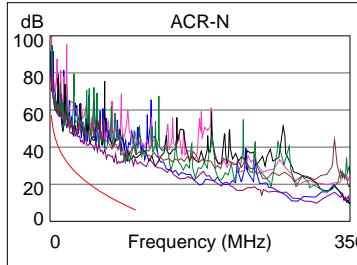
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.4	7.3	6.8	7.3
Freq. (MHz)	78.5	98.0	97.5	98.0
Limit (dB)	31.9	30.2	30.3	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.7	8.2	7.7	8.2
Freq. (MHz)	87.8	87.3	87.8	87.3
Limit (dB)	28.1	28.1	28.1	28.1



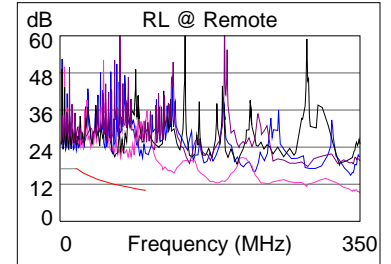
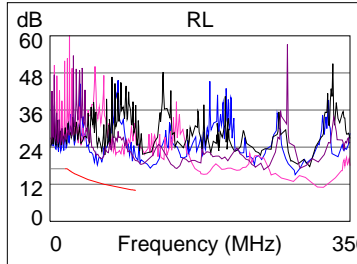
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	6.8	6.8	8.6	8.4
Freq. (MHz)	1.0	1.0	98.8	98.3
Limit (dB)	57.4	57.4	17.5	17.6
Worst Pair	45	36	36	45
PS ACR-F (dB)	9.1	9.5	11.3	11.3
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	54.4	54.4	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-36	36-45	36-45
ACR-N (dB)	13.4	13.1	23.4	23.9
Freq. (MHz)	14.8	1.6	97.5	98.0
Limit (dB)	35.5	56.9	6.6	6.5
Worst Pair	78	12	36	36
PS ACR-N (dB)	14.7	15.2	23.3	23.7
Freq. (MHz)	4.3	1.6	87.8	87.3
Limit (dB)	45.5	53.9	5.7	5.8



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	45
RL (dB)	5.5	6.0	5.5	7.6
Freq. (MHz)	55.5	19.0	55.5	64.5
Limit (dB)	12.6	17.0	12.6	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: D1-48

Test Summary: PASS

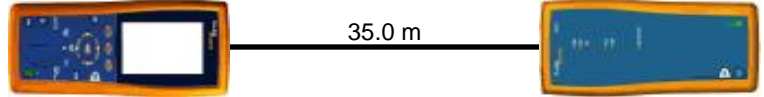
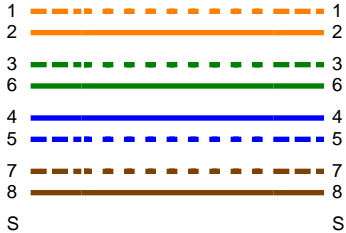
Date / Time: 08/24/2009 11:40:07am
Headroom: 4.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

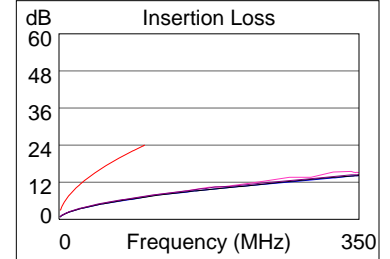
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

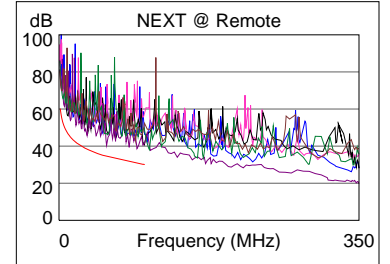
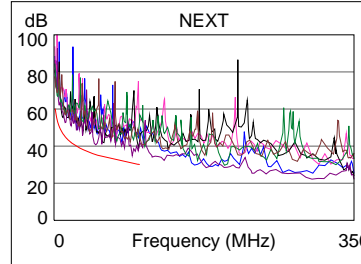
PASS



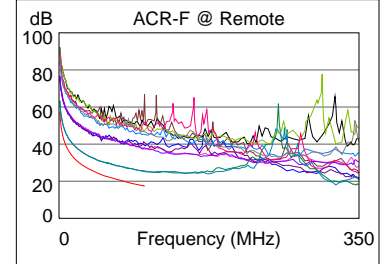
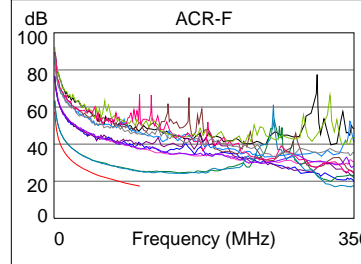
Length (m), Limit 100.0	[Pair 12]	35.0
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.5
Insertion Loss Margin (dB)	[Pair 36]	16.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



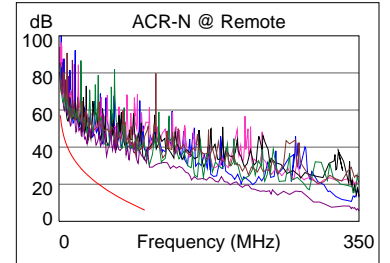
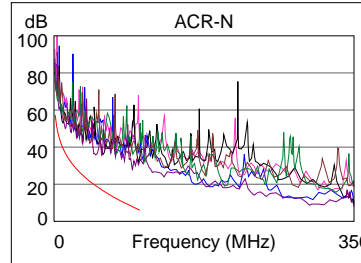
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.0	5.6	4.0	6.7
Freq. (MHz)	91.5	56.0	91.5	91.8
Limit (dB)	30.7	34.4	30.7	30.7
Worst Pair	36	36	36	36
PS NEXT (dB)	6.4	7.7	6.4	8.6
Freq. (MHz)	91.5	56.0	91.5	91.8
Limit (dB)	27.7	31.4	27.7	27.7



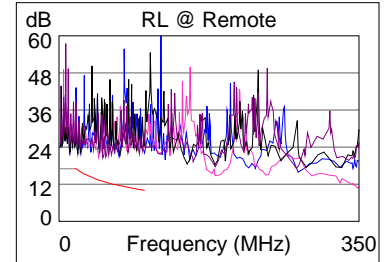
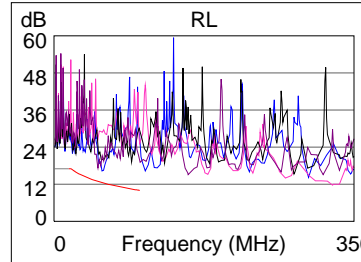
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	5.7	5.7	7.9	7.7
Freq. (MHz)	1.0	1.0	99.5	98.8
Limit (dB)	57.4	57.4	17.4	17.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.5	8.5	10.7	10.5
Freq. (MHz)	1.0	1.0	99.5	98.3
Limit (dB)	54.4	54.4	14.4	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	13.2	14.3	20.0	22.8
Freq. (MHz)	13.0	9.8	91.5	91.8
Limit (dB)	37.0	40.2	7.9	7.8
Worst Pair	45	12	36	36
PS ACR-N (dB)	14.7	15.5	22.3	24.5
Freq. (MHz)	12.9	10.1	91.5	91.8
Limit (dB)	34.1	36.8	4.9	4.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	12	78
RL (dB)	3.8	5.3	3.8	6.4
Freq. (MHz)	56.0	21.9	56.0	51.5
Limit (dB)	12.5	16.6	12.5	12.9



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



Cable ID: D1-47

Test Summary: PASS

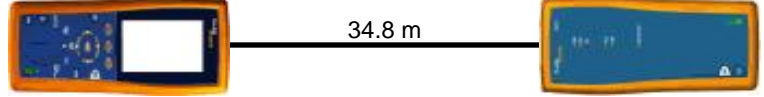
Date / Time: 08/24/2009 11:39:28am
 Headroom: 3.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

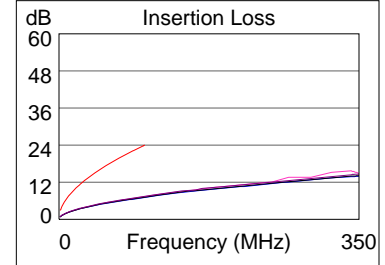
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

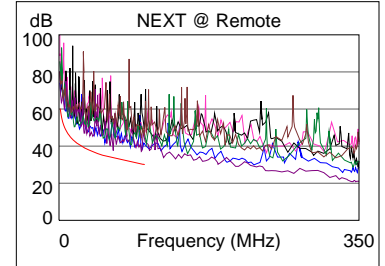
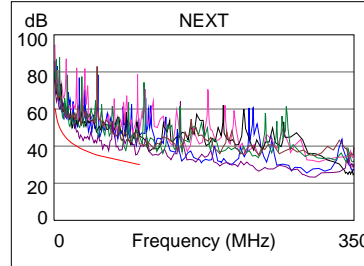
PASS



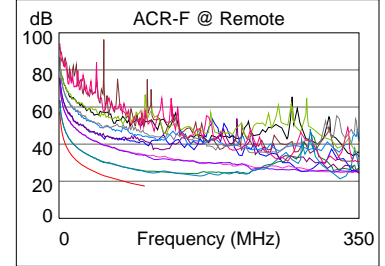
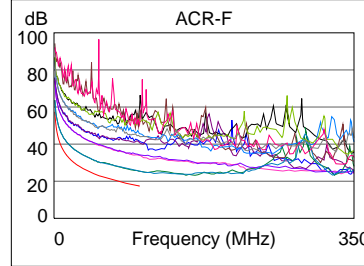
Length (m), Limit 100.0	[Pair 12]	34.8
Prop. Delay (ns), Limit 555		172
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 36]	16.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



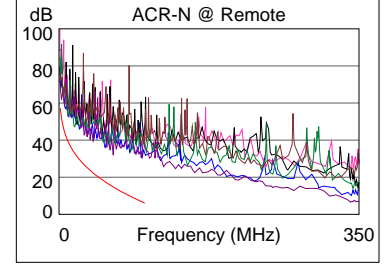
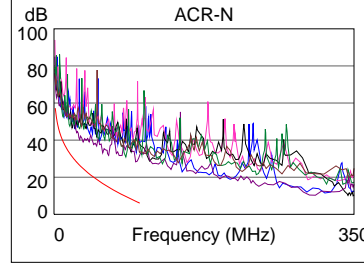
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.6	4.1	3.8	6.6
Freq. (MHz)	63.3	63.3	96.0	96.3
Limit (dB)	33.5	33.5	30.4	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	5.8	6.6	5.8	7.1
Freq. (MHz)	96.0	63.3	96.0	96.3
Limit (dB)	27.4	30.5	27.4	27.4



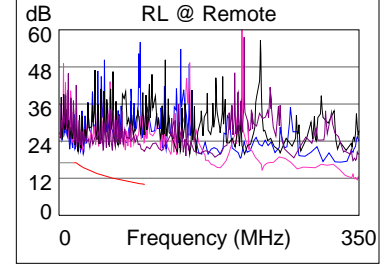
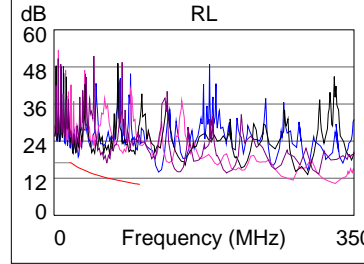
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.2	6.2	7.9	7.7
Freq. (MHz)	1.0	1.0	98.8	100.0
Limit (dB)	57.4	57.4	17.5	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.8	8.8	10.3	10.5
Freq. (MHz)	2.0	1.0	98.8	100.0
Limit (dB)	48.4	54.4	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	10.3	9.6	20.3	23.2
Freq. (MHz)	2.5	2.5	96.0	96.3
Limit (dB)	53.4	53.4	6.9	6.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	11.3	10.9	22.2	23.5
Freq. (MHz)	2.1	2.1	96.3	96.3
Limit (dB)	51.8	51.8	3.8	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	78	12
RL (dB)	3.3	3.9	4.9	4.0
Freq. (MHz)	28.4	22.1	61.5	28.5
Limit (dB)	15.5	16.6	12.1	15.5



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



Cable ID: D1-46

Test Summary: FAIL

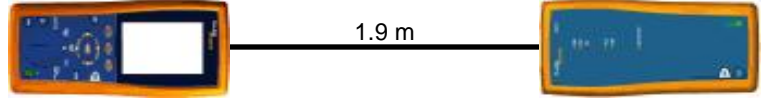
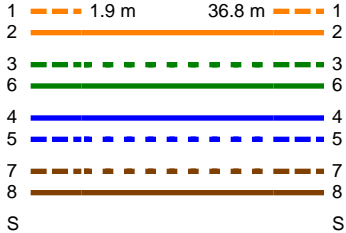
Date / Time: 08/24/2009 10:58:30am
 Headroom: -1.6 dB (NEXT 12-36)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

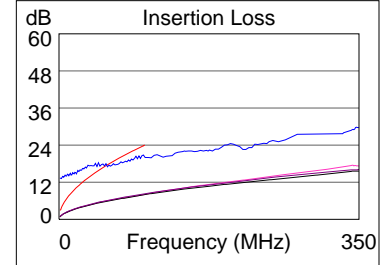
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

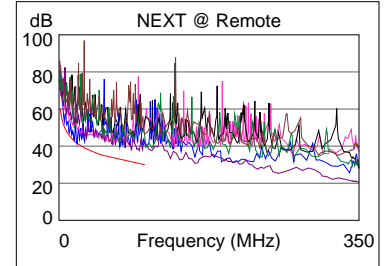
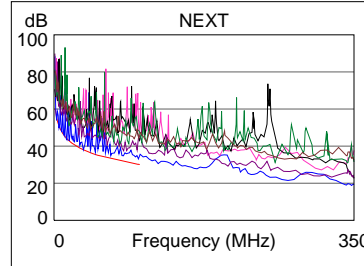
FAIL



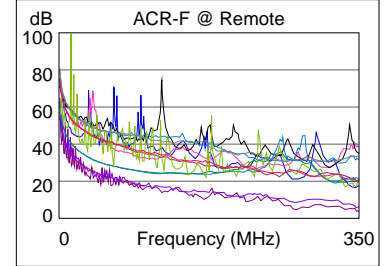
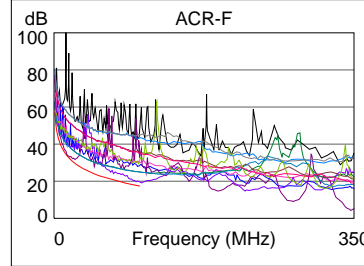
Length (m), Limit 100.0	[Pair 12]	1.9
Prop. Delay (ns), Limit 555		193
Delay Skew (ns), Limit 50		184 F
Resistance (ohms)	[Pair 12]	Open
Insertion Loss Margin (dB)	[Pair 12]	-10.3 F
Frequency (MHz)	[Pair 12]	1.9
Limit (dB)	[Pair 12]	3.0



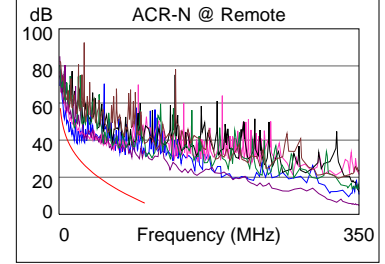
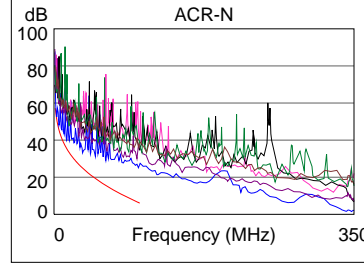
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-36	12-36	12-36	36-45
NEXT (dB)	-1.6 F	-0.5*F	2.7	6.9
Freq. (MHz)	2.9	20.9	98.8	93.5
Limit (dB)	55.9	41.7	30.2	30.6
Worst Pair	36	12	36	36
PS NEXT (dB)	1.0	2.0	3.8	8.7
Freq. (MHz)	2.9	20.9	81.5	97.0
Limit (dB)	52.9	38.7	28.6	27.3



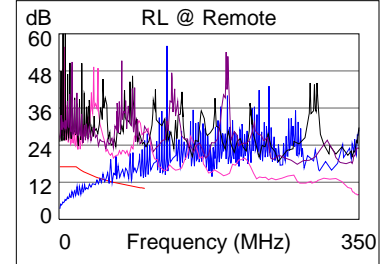
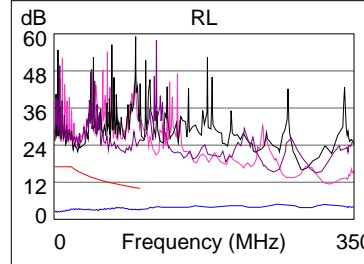
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	36-12	36-12	45-12	36-12
ACR-F (dB)	0.3*	-7.7 F	1.8	-2.5
Freq. (MHz)	16.1	5.8	98.5	98.5
Limit (dB)	33.3	42.2	17.5	17.5
Worst Pair	12	36	12	45
PS ACR-F (dB)	2.1	2.2	4.4	3.8
Freq. (MHz)	16.1	1.0	98.5	98.5
Limit (dB)	30.3	54.4	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	36-45
ACR-N (dB)	0.9	5.9	18.6	22.5
Freq. (MHz)	2.9	11.9	98.8	93.5
Limit (dB)	52.1	38.0	6.3	7.4
Worst Pair	12	12	12	12
PS ACR-N (dB)	-8.1	-3.6	8.0	16.0
Freq. (MHz)	2.9	12.0	99.0	100.0
Limit (dB)	49.1	34.9	3.3	3.1



	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12	12	12	12
RL (dB)	-14.7 F	-13.6 F	-14.7	-13.6
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: D1-45

Test Summary: FAIL

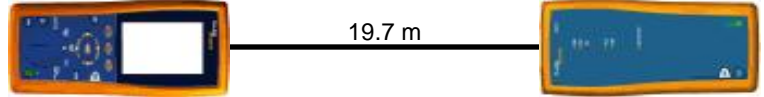
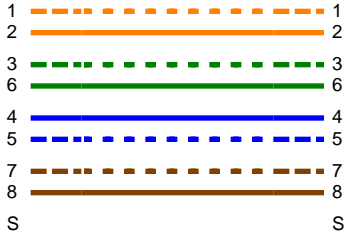
Date / Time: 08/24/2009 11:41:08am
 Headroom: **-0.2 dB (NEXT 12-78)**
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

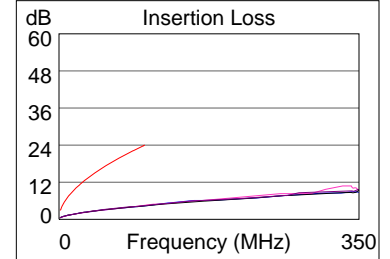
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

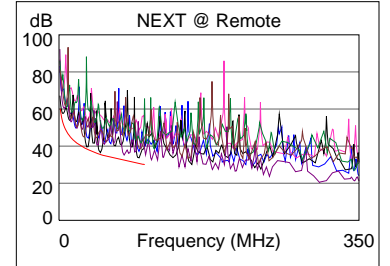
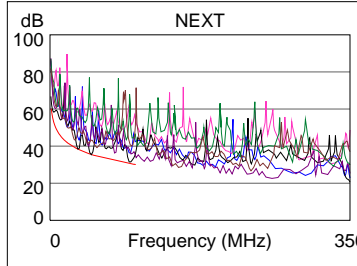
PASS



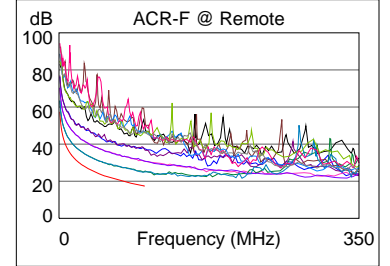
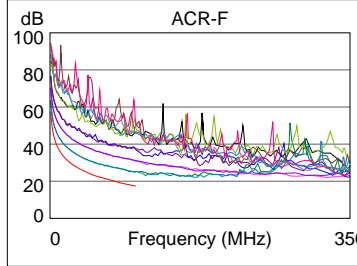
Length (m), Limit 100.0	[Pair 78]	19.7
Prop. Delay (ns), Limit 555		97
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	3.9
Insertion Loss Margin (dB)	[Pair 36]	19.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



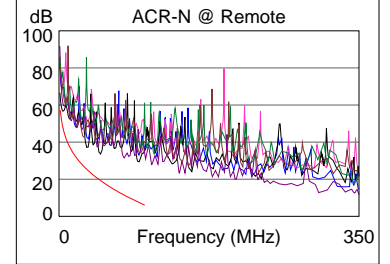
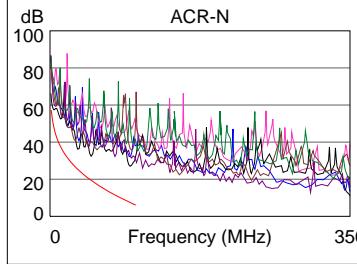
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	-0.2*	0.8	0.7	2.7
Freq. (MHz)	47.8	32.8	93.0	92.5
Limit (dB)	35.6	38.4	30.6	30.7
Worst Pair	12	12	12	12
PS NEXT (dB)	1.9	2.6	2.5	4.2
Freq. (MHz)	32.8	32.8	92.8	92.8
Limit (dB)	35.4	35.4	27.6	27.6



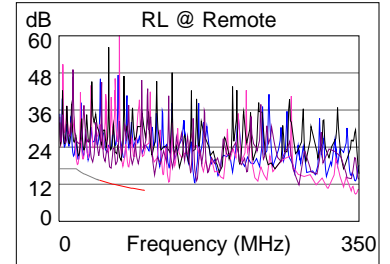
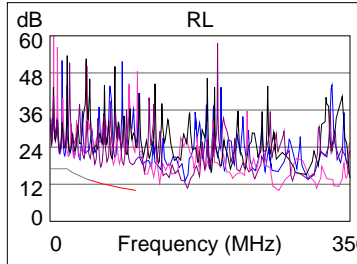
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.0	6.0	7.3	7.3
Freq. (MHz)	1.1	1.0	98.3	98.3
Limit (dB)	56.4	57.4	17.6	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.2	8.2	9.4	9.3
Freq. (MHz)	1.1	1.0	98.0	98.3
Limit (dB)	53.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	5.8	6.0	19.5	21.5
Freq. (MHz)	1.6	2.0	93.0	92.8
Limit (dB)	56.9	55.3	7.5	7.6
Worst Pair	12	12	12	12
PS ACR-N (dB)	8.6	8.6	21.4	23.1
Freq. (MHz)	1.6	2.0	92.8	92.8
Limit (dB)	53.9	52.3	4.6	4.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	5.3	4.7	5.3	4.7
Freq. (MHz)	59.3	59.8	59.3	59.8
Limit (dB)	12.3	12.2	12.3	12.2



* Measurement is within the accuracy limits of the instrument.



Cable ID: D1-44

Test Summary: PASS

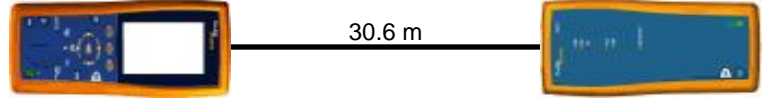
Date / Time: 08/24/2009 11:38:19am
Headroom: 4.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

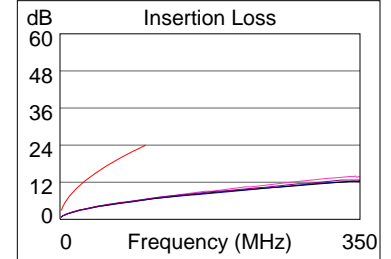
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

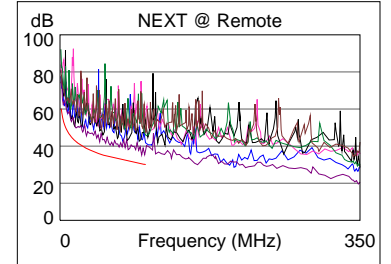
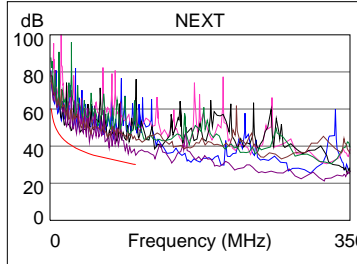
PASS



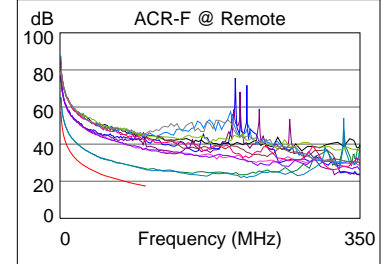
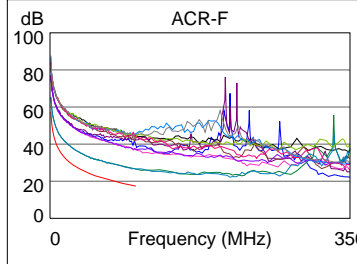
Length (m), Limit 100.0	[Pair 12]	30.6
Prop. Delay (ns), Limit 555		151
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



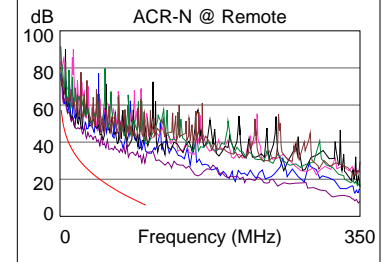
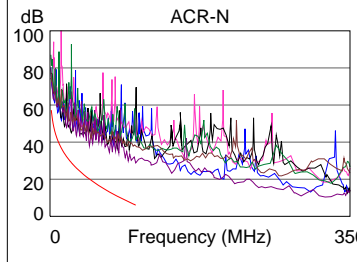
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.8	4.8	4.8	4.9
Freq. (MHz)	99.5	95.3	99.5	99.3
Limit (dB)	30.1	30.4	30.1	30.1
Worst Pair	45	36	45	36
PS NEXT (dB)	7.2	6.8	7.2	6.8
Freq. (MHz)	99.8	99.5	99.8	99.5
Limit (dB)	27.1	27.1	27.1	27.1



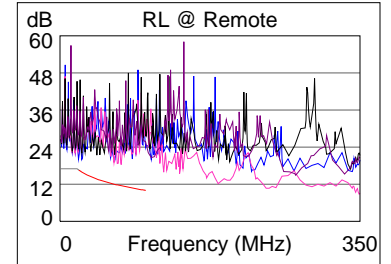
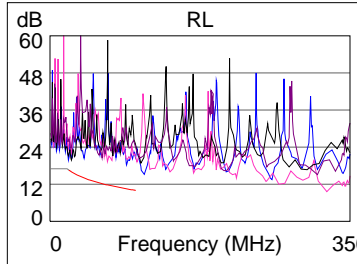
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	7.8	7.8	8.8	9.0
Freq. (MHz)	1.0	1.0	95.0	99.5
Limit (dB)	57.4	57.4	17.8	17.4
Worst Pair	36	36	45	45
PS ACR-F (dB)	10.4	10.5	11.4	11.7
Freq. (MHz)	1.0	2.0	95.0	99.5
Limit (dB)	54.4	48.4	14.8	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	13.3	11.3	22.4	22.5
Freq. (MHz)	3.5	3.4	99.5	99.3
Limit (dB)	50.3	50.7	6.2	6.2
Worst Pair	36	36	45	36
PS ACR-N (dB)	14.2	12.8	24.9	24.2
Freq. (MHz)	4.1	3.8	99.8	99.5
Limit (dB)	45.8	46.7	3.1	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	12	36
RL (dB)	3.7	4.0	7.5	6.2
Freq. (MHz)	24.9	25.4	89.5	67.3
Limit (dB)	16.1	16.0	10.5	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: D1-43

Test Summary: PASS

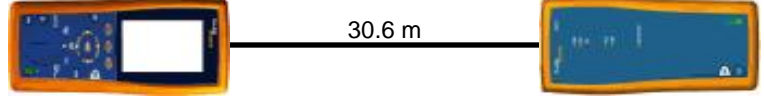
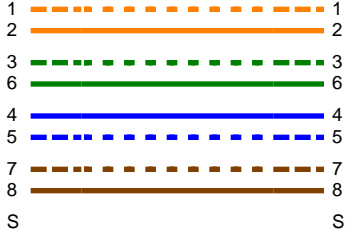
Date / Time: 08/24/2009 11:36:57am
 Headroom: 4.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

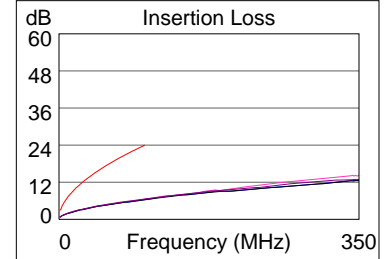
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

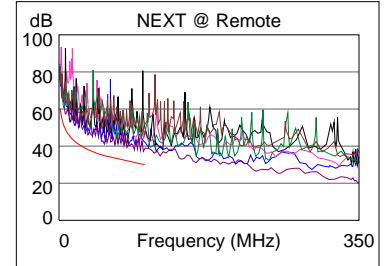
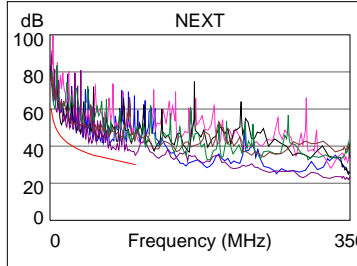
PASS



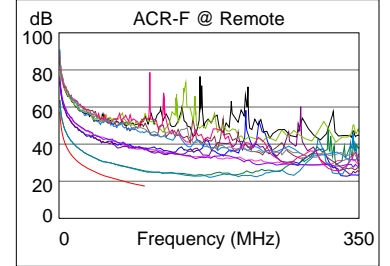
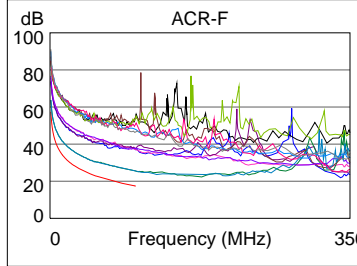
Length (m), Limit 100.0	[Pair 12]	30.6
Prop. Delay (ns), Limit 555		152
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 78]	17.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



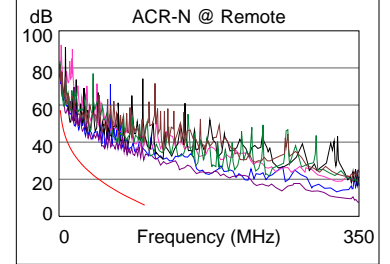
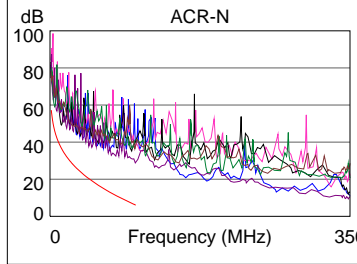
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.6	6.2	4.6	6.2
Freq. (MHz)	99.0	87.5	99.0	99.0
Limit (dB)	30.2	31.1	30.2	30.2
Worst Pair	45	36	45	45
PS NEXT (dB)	6.6	7.2	6.6	8.0
Freq. (MHz)	99.0	53.5	99.0	99.0
Limit (dB)	27.2	31.7	27.2	27.2



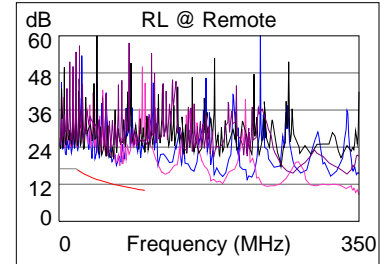
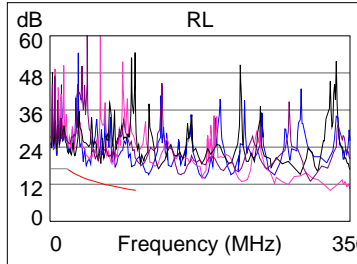
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.3	6.3	8.0	7.8
Freq. (MHz)	1.0	1.0	98.5	98.8
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	9.0	8.9	10.7	10.7
Freq. (MHz)	1.0	1.0	98.8	99.0
Limit (dB)	54.4	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	36-45	36-45	36-45
ACR-N (dB)	12.3	12.6	22.2	23.8
Freq. (MHz)	13.0	7.3	99.0	99.0
Limit (dB)	37.0	43.3	6.3	6.3
Worst Pair	36	36	45	36
PS ACR-N (dB)	13.6	13.5	24.2	25.6
Freq. (MHz)	3.8	4.5	99.0	99.3
Limit (dB)	46.7	45.0	3.3	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	36
RL (dB)	3.7	5.5	6.5	5.8
Freq. (MHz)	42.8	42.5	96.0	66.5
Limit (dB)	13.7	13.7	10.2	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: D1-41

Test Summary: PASS

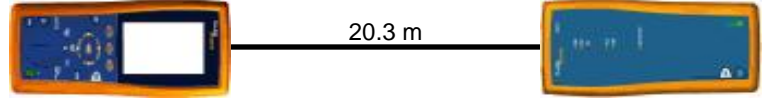
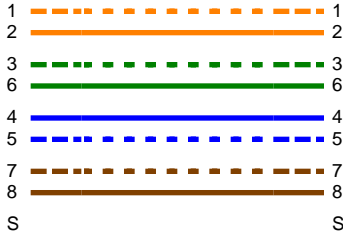
Date / Time: 08/24/2009 10:33:11am
Headroom: 4.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

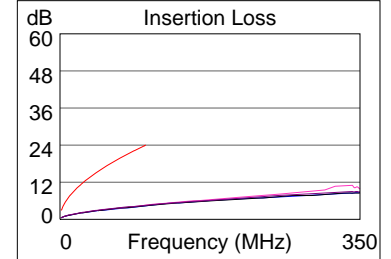
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

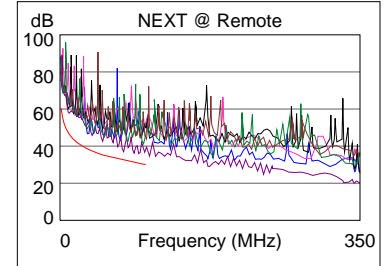
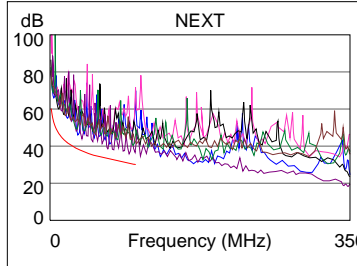
PASS



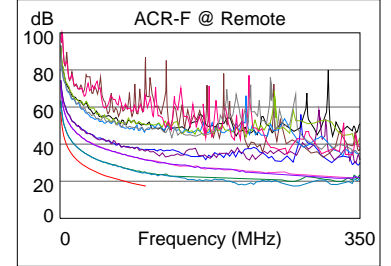
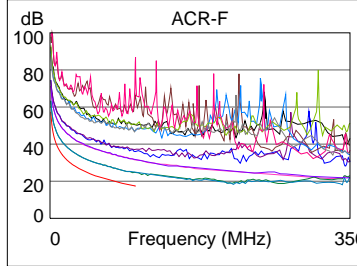
Length (m), Limit 100.0	[Pair 12]	20.3
Prop. Delay (ns), Limit 555		101
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.1
Insertion Loss Margin (dB)	[Pair 36]	19.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



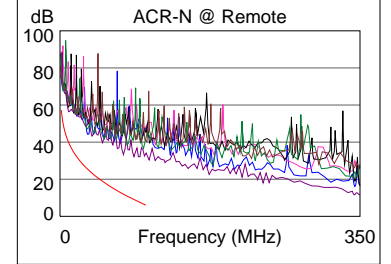
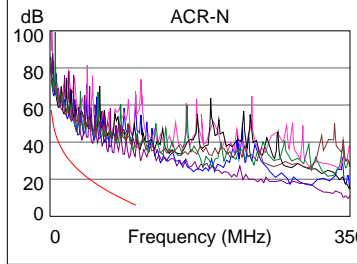
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.9	4.6	5.0	5.0
Freq. (MHz)	73.8	73.8	92.5	92.3
Limit (dB)	32.4	32.4	30.7	30.7
Worst Pair	36	36	45	45
PS NEXT (dB)	7.3	7.4	7.6	7.6
Freq. (MHz)	73.3	73.5	93.0	92.3
Limit (dB)	29.4	29.4	27.6	27.7



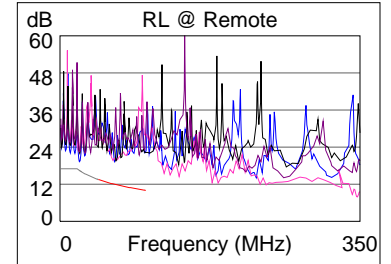
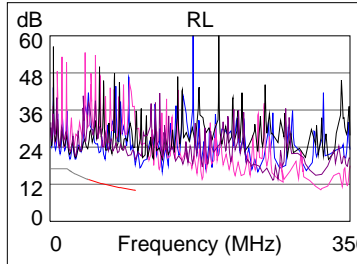
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	5.8	5.8	6.8	6.7
Freq. (MHz)	1.0	1.0	97.0	96.3
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.2	8.3	9.1	9.5
Freq. (MHz)	1.0	1.1	97.0	99.8
Limit (dB)	54.4	53.4	14.7	14.4



	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)	15.7	16.0	23.9	23.9
Freq. (MHz)	3.3	1.6	92.5	92.3
Limit (dB)	51.0	56.9	7.7	7.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	16.3	17.0	26.3	27.7
Freq. (MHz)	3.3	3.5	92.5	98.3
Limit (dB)	48.0	47.3	4.7	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	8.0	7.0	8.2	7.0
Freq. (MHz)	63.8	63.8	99.8	64.0
Limit (dB)	12.0	12.0	10.0	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: D1-40

Test Summary: PASS

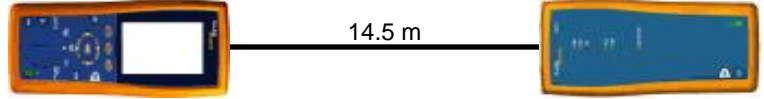
Date / Time: 08/24/2009 10:36:16am
 Headroom: 3.8 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

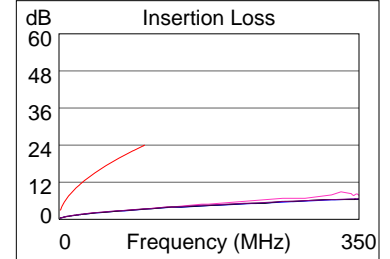
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

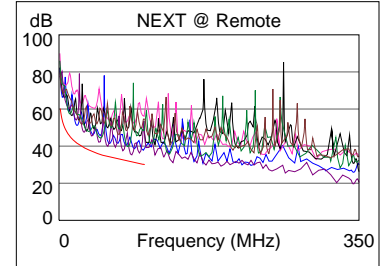
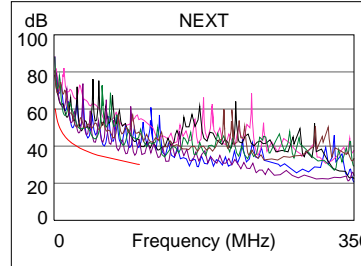
PASS



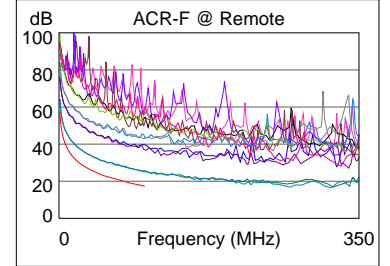
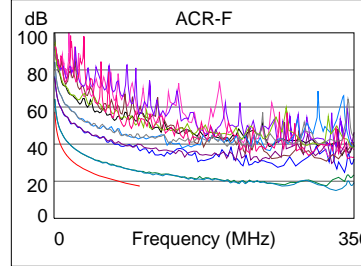
Length (m), Limit 100.0	[Pair 12]	14.5
Prop. Delay (ns), Limit 555		72
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	3.2
Insertion Loss Margin (dB)	[Pair 36]	20.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



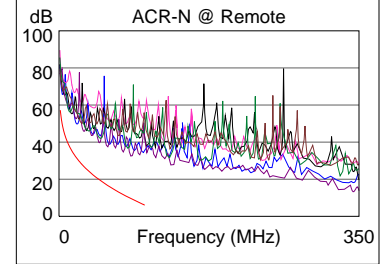
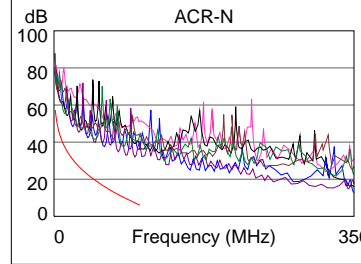
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.3	3.8	4.5	3.8
Freq. (MHz)	84.3	84.3	94.5	84.3
Limit (dB)	31.4	31.4	30.5	31.4
Worst Pair	36	36	36	36
PS NEXT (dB)	6.3	5.7	6.8	5.7
Freq. (MHz)	47.8	84.0	94.5	84.8
Limit (dB)	32.6	28.4	27.5	28.3



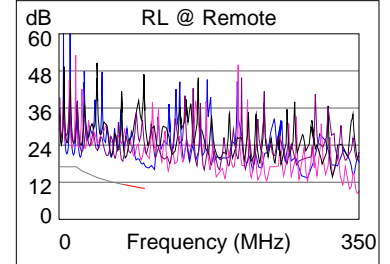
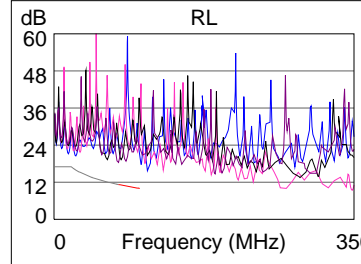
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.7	6.7	7.6	7.4
Freq. (MHz)	1.1	1.1	98.0	98.0
Limit (dB)	56.4	56.4	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	9.4	9.4	10.5	10.6
Freq. (MHz)	1.1	1.1	98.3	99.8
Limit (dB)	53.4	53.4	14.6	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-36	36-45	36-45
ACR-N (dB)	17.3	16.1	24.7	22.8
Freq. (MHz)	1.6	3.8	94.5	84.3
Limit (dB)	56.9	49.7	7.2	9.5
Worst Pair	78	12	36	36
PS ACR-N (dB)	16.5	17.2	26.9	24.6
Freq. (MHz)	2.3	3.8	94.5	84.8
Limit (dB)	51.3	46.7	4.2	6.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	12	78	12
RL (dB)	7.0	7.7	7.0	7.8
Freq. (MHz)	74.8	96.0	74.8	100.0
Limit (dB)	11.3	10.2	11.3	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: D1-39

Test Summary: PASS

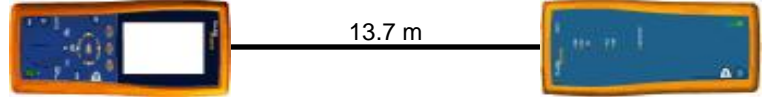
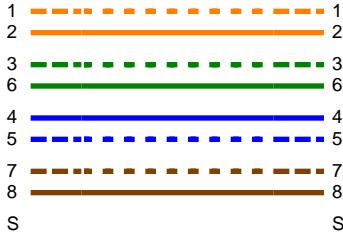
Date / Time: 08/24/2009 10:35:19am
 Headroom: 2.3 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

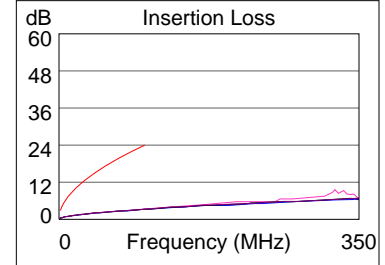
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

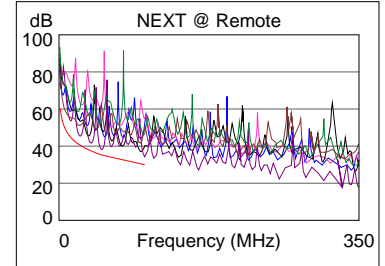
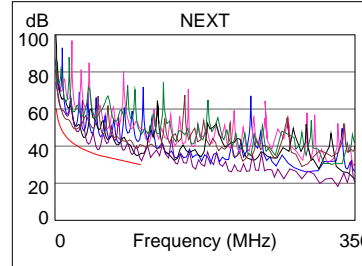
PASS



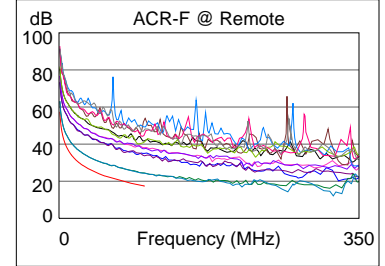
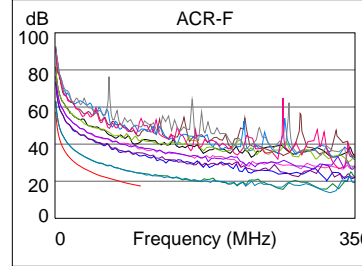
Length (m), Limit 100.0	[Pair 78]	13.7
Prop. Delay (ns), Limit 555		68
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	3.1
Insertion Loss Margin (dB)	[Pair 36]	20.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



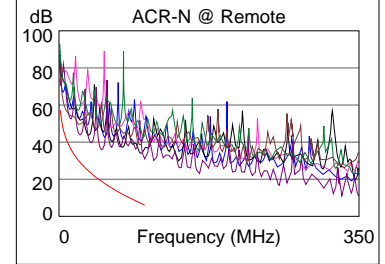
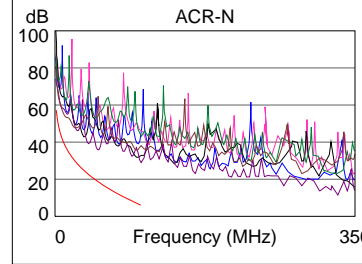
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.3	2.8	2.3	4.1
Freq. (MHz)	100.0	49.3	100.0	100.0
Limit (dB)	30.1	35.4	30.1	30.1
Worst Pair	45	36	45	36
PS NEXT (dB)	4.7	5.4	4.7	6.8
Freq. (MHz)	100.0	49.8	100.0	99.8
Limit (dB)	27.1	32.3	27.1	27.1



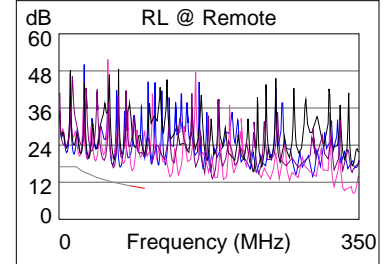
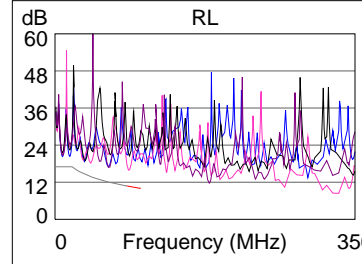
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	5.6	5.6	6.7	6.7
Freq. (MHz)	1.1	1.1	97.3	98.0
Limit (dB)	56.4	56.4	17.6	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.3	8.2	9.2	9.2
Freq. (MHz)	1.0	1.1	97.3	94.8
Limit (dB)	54.4	53.4	14.6	14.9



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	14.5	14.4	23.1	24.9
Freq. (MHz)	1.6	1.6	100.0	100.0
Limit (dB)	56.9	56.9	6.1	6.1
Worst Pair	45	45	45	36
PS ACR-N (dB)	15.1	16.1	25.5	27.4
Freq. (MHz)	6.0	1.6	100.0	99.8
Limit (dB)	42.2	53.9	3.1	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	5.2	5.1	5.2	5.1
Freq. (MHz)	85.8	85.5	85.8	85.5
Limit (dB)	10.7	10.7	10.7	10.7



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



Cable ID: D1-38

Test Summary: PASS

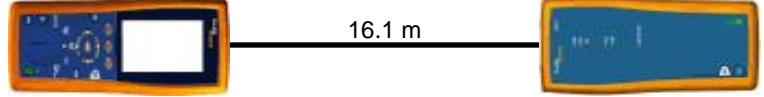
Date / Time: 08/24/2009 11:52:28am
 Headroom: 2.6 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

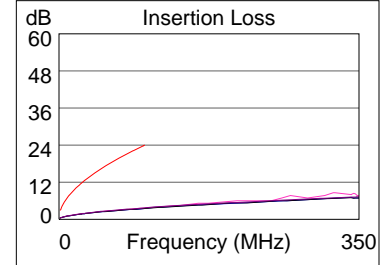
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

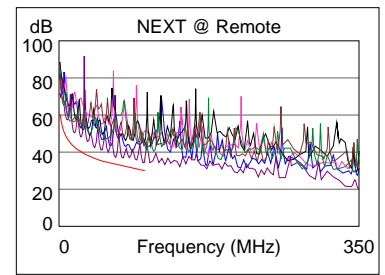
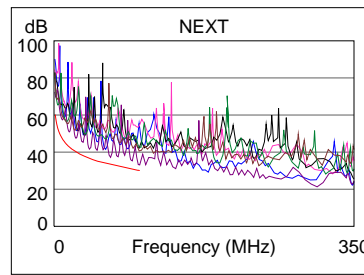
PASS



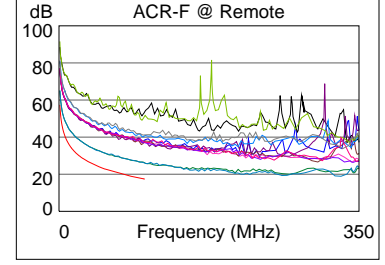
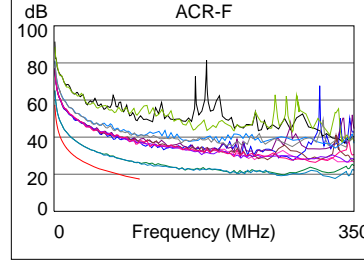
Length (m), Limit 100.0	[Pair 12]	16.1
Prop. Delay (ns), Limit 555		80
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	3.5
Insertion Loss Margin (dB)	[Pair 36]	20.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



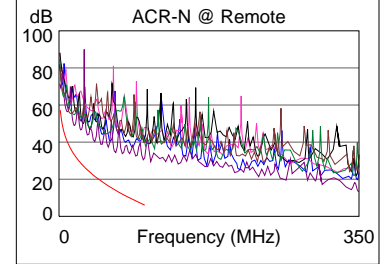
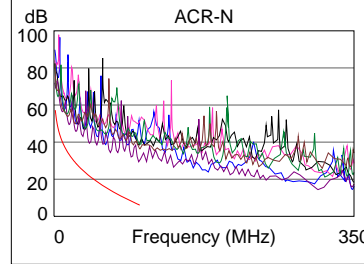
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.6	3.7	2.6	3.7
Freq. (MHz)	99.0	98.5	99.0	98.5
Limit (dB)	30.2	30.2	30.2	30.2
Worst Pair	45	45	45	45
PS NEXT (dB)	5.0	6.1	5.0	6.1
Freq. (MHz)	99.0	99.0	99.3	99.0
Limit (dB)	27.2	27.2	27.1	27.2



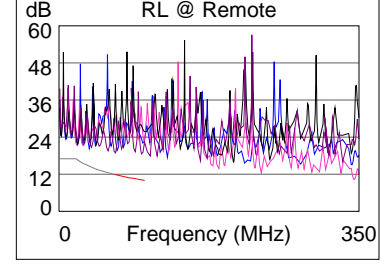
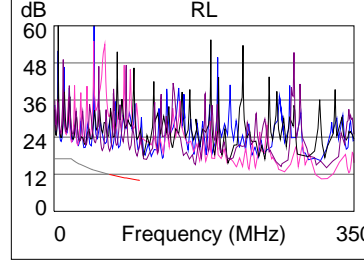
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	7.3	7.3	8.5	8.1
Freq. (MHz)	1.3	1.3	100.0	94.8
Limit (dB)	55.5	55.5	17.4	17.9
Worst Pair	36	36	36	45
PS ACR-F (dB)	9.9	9.8	10.9	11.1
Freq. (MHz)	1.0	1.3	100.0	100.0
Limit (dB)	54.4	52.5	14.4	14.4



	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)	12.5	12.4	23.0	24.0
Freq. (MHz)	1.6	1.6	99.0	98.5
Limit (dB)	56.9	56.9	6.3	6.4
Worst Pair	36	36	45	36
PS ACR-N (dB)	14.4	14.4	25.4	26.5
Freq. (MHz)	1.6	1.6	99.3	98.8
Limit (dB)	53.9	53.9	3.2	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	7.6	6.8	7.7	8.1
Freq. (MHz)	64.8	65.3	96.5	96.8
Limit (dB)	11.9	11.9	10.2	10.2



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



Cable ID: D1-37

Test Summary: PASS

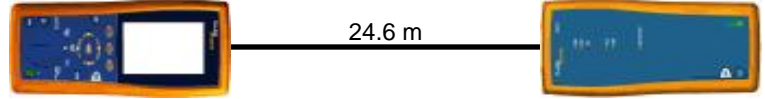
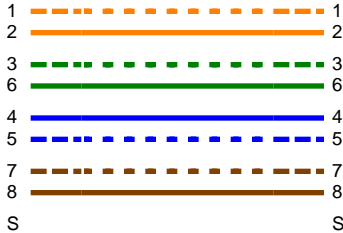
Date / Time: 08/21/2009 11:41:10am
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

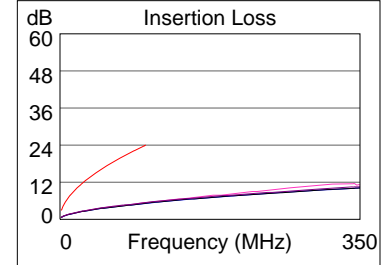
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

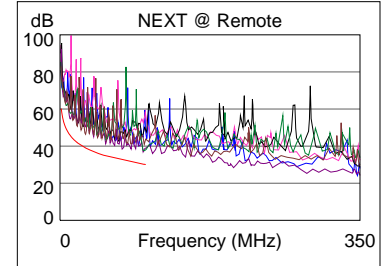
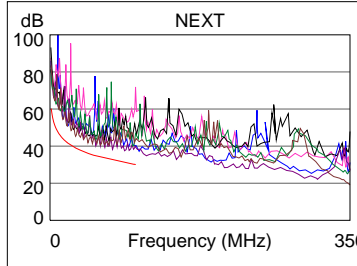
PASS



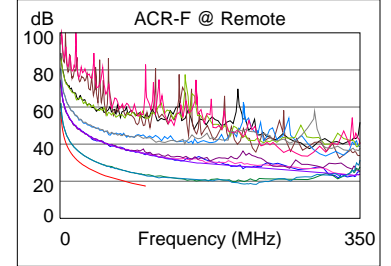
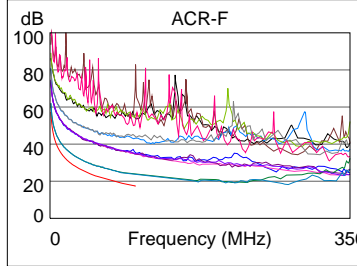
Length (m), Limit 100.0	[Pair 12]	24.6
Prop. Delay (ns), Limit 555		122
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.7
Insertion Loss Margin (dB)	[Pair 36]	18.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



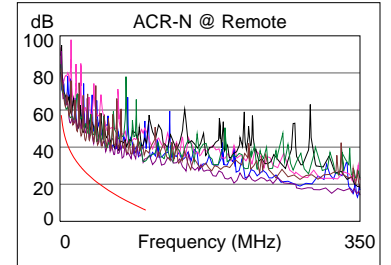
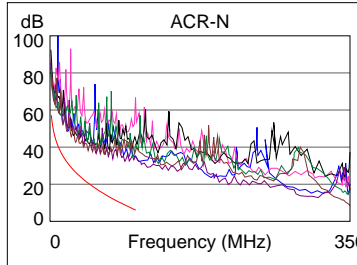
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.6	5.4	5.9	6.3
Freq. (MHz)	53.3	73.3	87.8	97.5
Limit (dB)	34.8	32.4	31.1	30.3
Worst Pair	45	36	36	36
PS NEXT (dB)	6.1	6.4	7.2	6.4
Freq. (MHz)	53.8	97.3	97.3	97.3
Limit (dB)	31.7	27.3	27.3	27.3



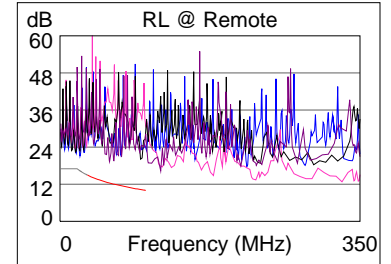
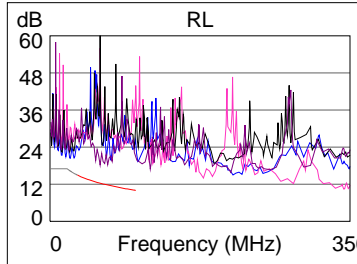
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	4.6	4.6	5.7	5.6
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	36	45
PS ACR-F (dB)	7.3	7.3	8.4	8.4
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	36-45	36-45	36-45
ACR-N (dB)	15.9	14.8	23.5	24.9
Freq. (MHz)	29.9	11.5	87.8	97.5
Limit (dB)	26.5	38.4	8.7	6.6
Worst Pair	45	36	36	36
PS ACR-N (dB)	16.7	15.8	25.6	24.8
Freq. (MHz)	3.9	2.5	97.3	97.3
Limit (dB)	46.4	50.4	3.6	3.6



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	5.7	6.6	5.7	6.6
Freq. (MHz)	58.3	58.3	58.3	58.3
Limit (dB)	12.4	12.4	12.4	12.4



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



Cable ID: D1-36

Test Summary: PASS

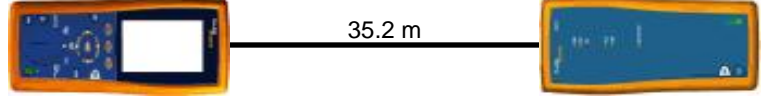
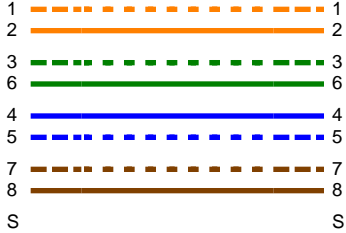
Date / Time: 08/24/2009 10:18:28am
 Headroom: 5.0 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

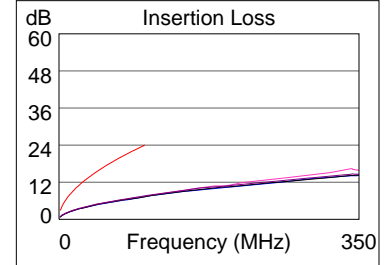
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

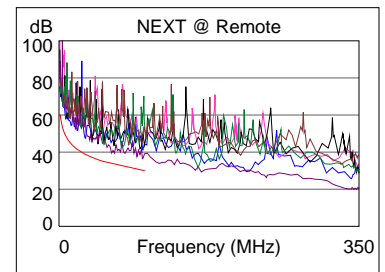
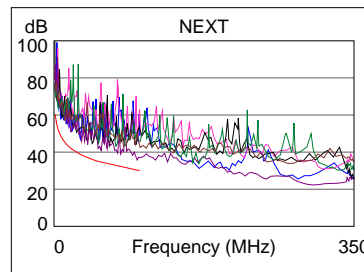
PASS



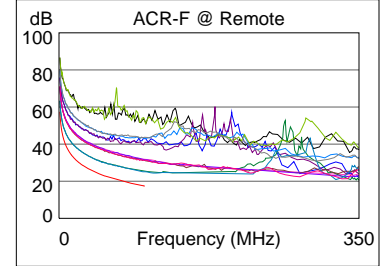
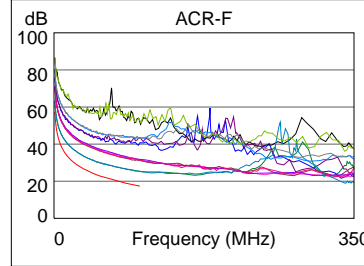
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.6
Insertion Loss Margin (dB)	[Pair 36]	16.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



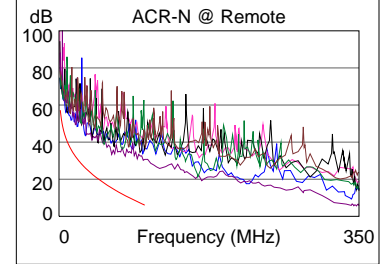
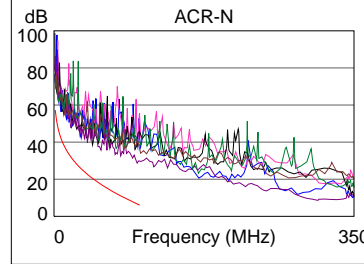
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.0	5.3	5.0	5.9
Freq. (MHz)	97.5	61.8	97.5	97.5
Limit (dB)	30.3	33.7	30.3	30.3
Worst Pair	36	36	36	36
PS NEXT (dB)	7.3	7.3	7.3	7.7
Freq. (MHz)	97.5	61.8	97.5	97.5
Limit (dB)	27.3	30.7	27.3	27.3



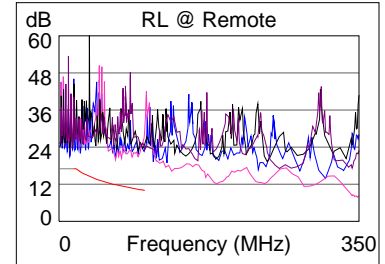
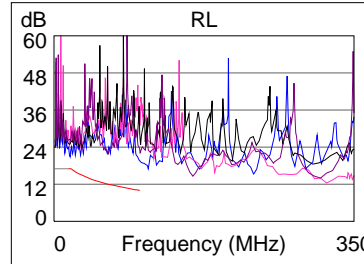
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.9	5.9	7.7	7.5
Freq. (MHz)	1.0	1.0	98.5	97.8
Limit (dB)	57.4	57.4	17.5	17.6
Worst Pair	36	36	45	36
PS ACR-F (dB)	8.0	8.0	9.7	9.6
Freq. (MHz)	1.0	1.6	98.5	98.5
Limit (dB)	54.4	50.2	14.5	14.5



	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)	13.7	11.7	21.5	22.4
Freq. (MHz)	8.0	1.6	97.5	97.5
Limit (dB)	42.3	56.9	6.6	6.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.8	12.4	23.6	24.0
Freq. (MHz)	1.8	1.6	97.5	97.5
Limit (dB)	53.4	53.9	3.6	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	36
RL (dB)	3.8	5.4	8.5	8.0
Freq. (MHz)	18.5	18.9	98.5	66.3
Limit (dB)	17.0	17.0	10.1	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: D1-35

Test Summary: PASS

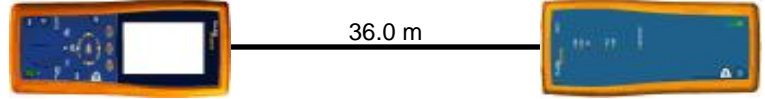
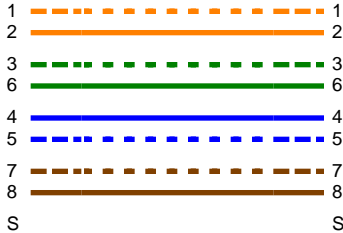
Date / Time: 08/24/2009 10:09:13am
Headroom: 6.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

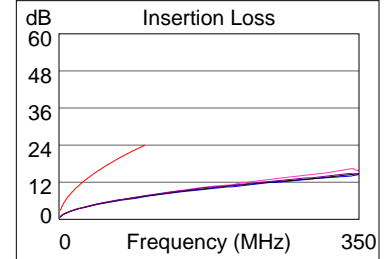
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

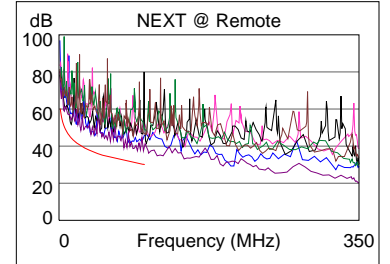
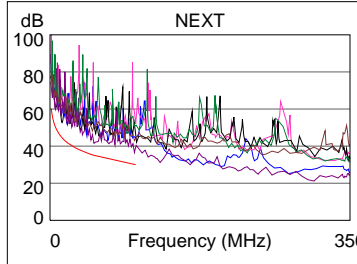
PASS



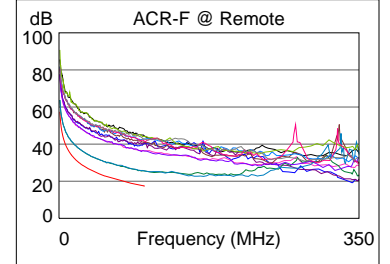
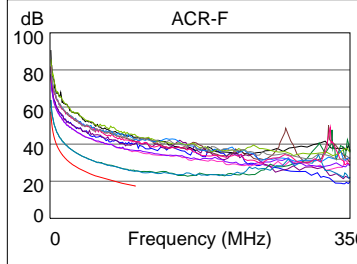
Length (m), Limit 100.0	[Pair 12]	36.0
Prop. Delay (ns), Limit 555		178
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	6.6
Insertion Loss Margin (dB)	[Pair 78]	16.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



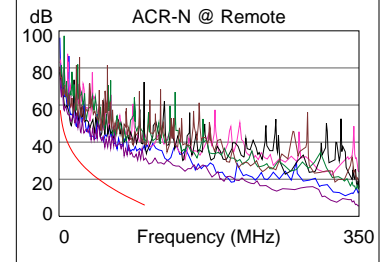
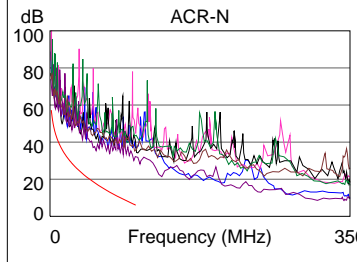
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.1	6.7	6.4	6.7
Freq. (MHz)	53.8	91.8	98.5	91.8
Limit (dB)	34.7	30.7	30.2	30.7
Worst Pair	45	36	45	36
PS NEXT (dB)	8.5	8.7	8.5	8.7
Freq. (MHz)	98.5	91.5	98.5	91.5
Limit (dB)	27.2	27.7	27.2	27.7



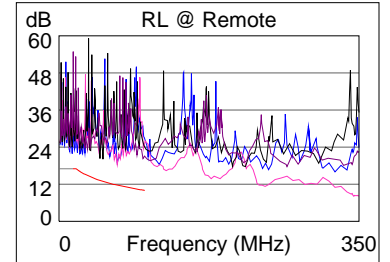
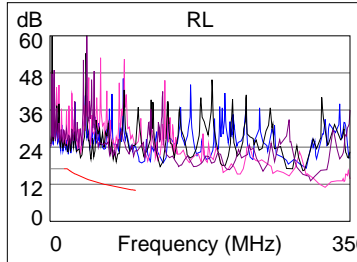
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	6.3	6.2	7.8	7.6
Freq. (MHz)	1.1	1.1	98.8	95.8
Limit (dB)	56.4	56.4	17.5	17.8
Worst Pair	36	45	36	45
PS ACR-F (dB)	9.0	9.0	10.3	10.4
Freq. (MHz)	1.1	1.1	95.8	98.8
Limit (dB)	53.4	53.4	14.8	14.5



	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)	11.9	10.7	22.9	23.8
Freq. (MHz)	1.8	2.5	98.5	98.5
Limit (dB)	56.4	53.4	6.4	6.4
Worst Pair	36	36	45	36
PS ACR-N (dB)	13.6	13.1	25.0	24.4
Freq. (MHz)	1.8	2.5	98.5	91.5
Limit (dB)	53.4	50.4	3.4	4.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	36
RL (dB)	5.1	5.4	8.0	6.6
Freq. (MHz)	21.1	24.5	77.5	68.0
Limit (dB)	16.8	16.1	11.1	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: D1-34

Test Summary: PASS

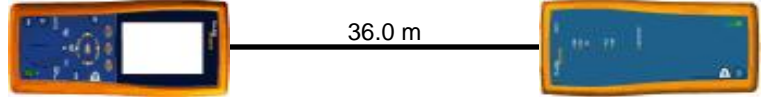
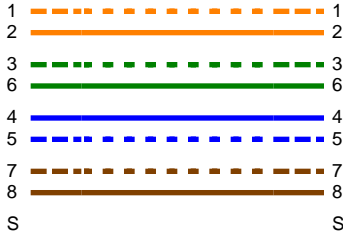
Date / Time: 08/24/2009 10:11:32am
Headroom: 5.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

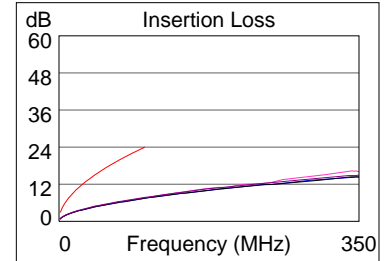
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

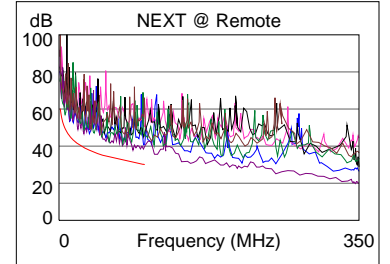
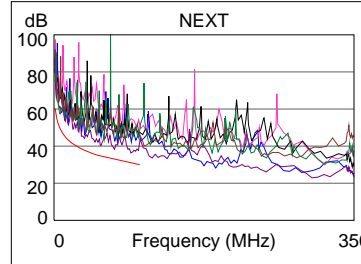
PASS



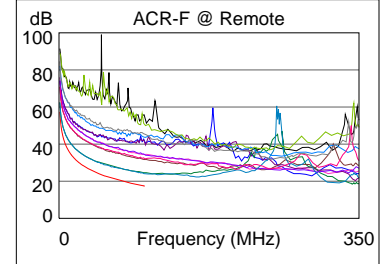
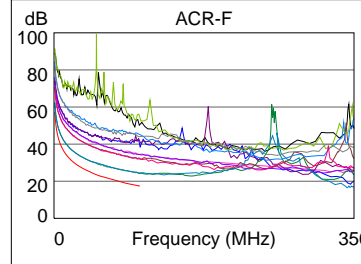
Length (m), Limit 100.0	[Pair 12]	36.0
Prop. Delay (ns), Limit 555		179
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.5
Insertion Loss Margin (dB)	[Pair 78]	16.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



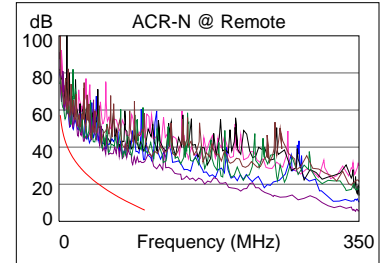
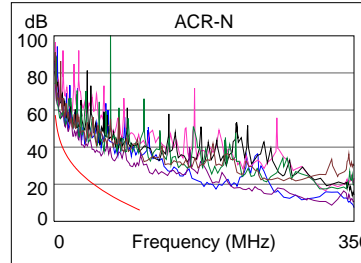
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.1	6.0	5.2	6.0
Freq. (MHz)	69.8	85.8	89.3	85.8
Limit (dB)	32.8	31.2	30.9	31.2
Worst Pair	36	36	36	36
PS NEXT (dB)	7.0	7.1	7.3	8.4
Freq. (MHz)	32.5	28.9	89.5	99.0
Limit (dB)	35.4	36.3	27.9	27.2



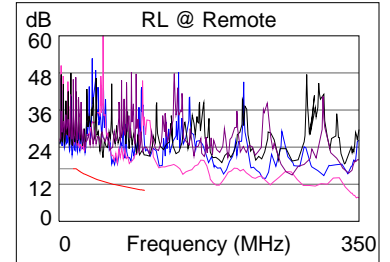
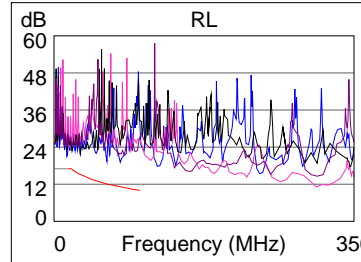
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	4.8	4.9	6.6	6.4
Freq. (MHz)	1.6	1.1	99.3	99.3
Limit (dB)	53.2	56.4	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.2	7.1	9.1	8.9
Freq. (MHz)	1.3	1.0	99.3	99.3
Limit (dB)	52.5	54.4	14.5	14.5



	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

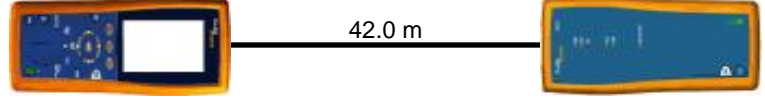
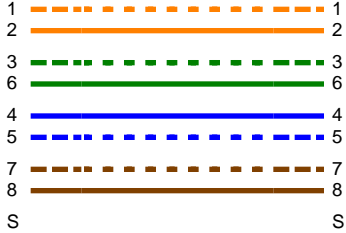
Date / Time: 08/21/2009 11:46:08am
Headroom: 3.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

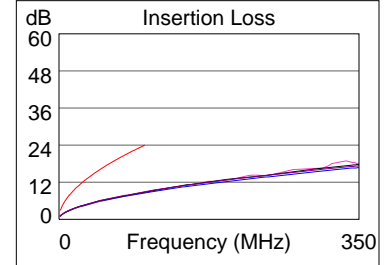
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

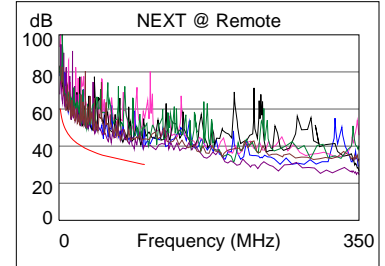
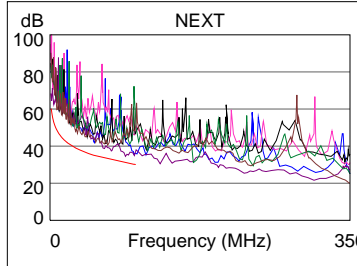
PASS



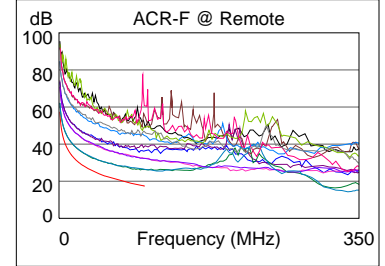
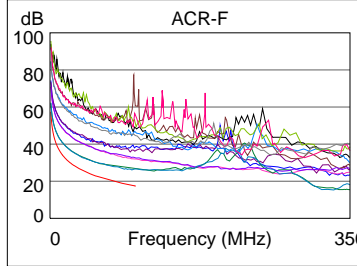
Length (m), Limit 100.0	[Pair 12]	42.0
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	7.8
Insertion Loss Margin (dB)	[Pair 78]	15.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



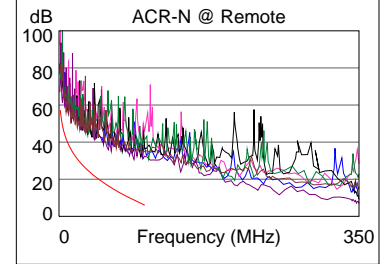
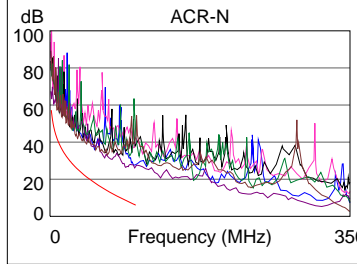
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.5	7.4	3.6	7.4
Freq. (MHz)	88.0	87.8	90.8	88.0
Limit (dB)	31.0	31.1	30.8	31.0
Worst Pair	36	36	36	36
PS NEXT (dB)	4.9	8.9	4.9	8.9
Freq. (MHz)	98.3	87.8	98.3	98.3
Limit (dB)	27.2	28.1	27.2	27.2



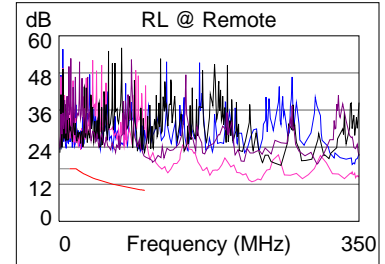
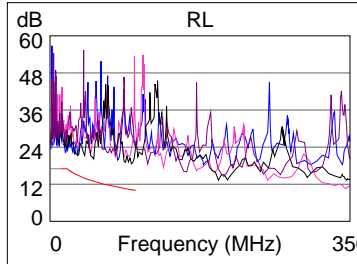
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	4.6	4.7	8.3	8.2
Freq. (MHz)	1.0	1.0	95.0	94.8
Limit (dB)	57.4	57.4	17.8	17.9
Worst Pair	45	36	45	45
PS ACR-F (dB)	7.1	7.3	10.8	10.4
Freq. (MHz)	1.0	1.0	99.5	95.3
Limit (dB)	54.4	54.4	14.4	14.8



	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)	6.1	9.9	18.1	23.3
Freq. (MHz)	1.6	1.0	90.8	98.8
Limit (dB)	56.9	57.0	8.0	6.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.9	12.5	20.0	24.0
Freq. (MHz)	1.6	1.0	98.3	98.3
Limit (dB)	53.9	54.0	3.4	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	78
RL (dB)	4.9	6.4	8.3	11.1
Freq. (MHz)	18.0	18.4	95.3	98.5
Limit (dB)	17.0	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: D1-32

Test Summary: PASS

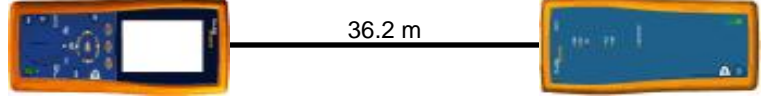
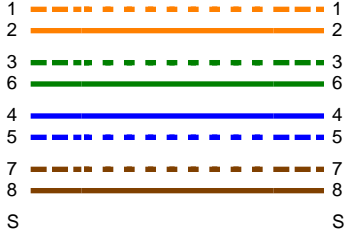
Date / Time: 08/24/2009 10:14:09am
 Headroom: 4.0 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

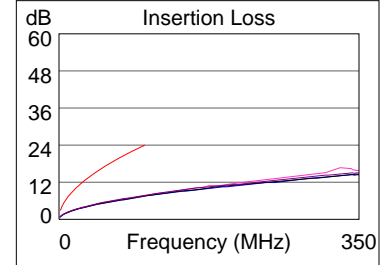
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

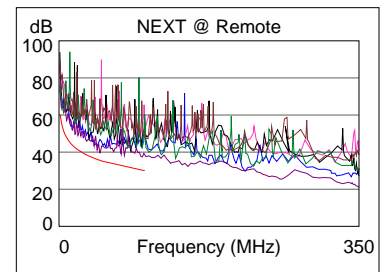
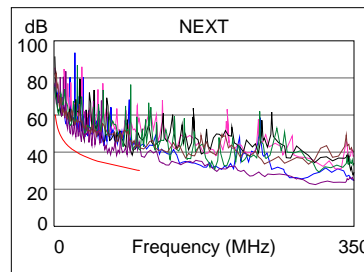
PASS



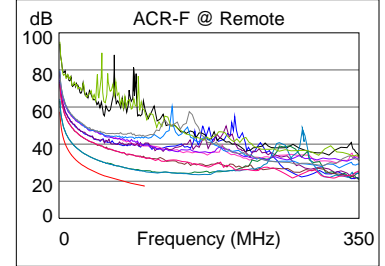
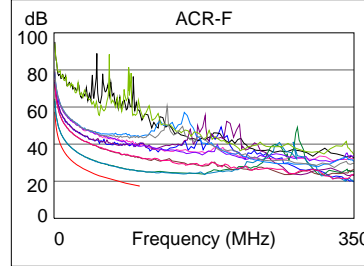
Length (m), Limit 100.0	[Pair 12]	36.2
Prop. Delay (ns), Limit 555		180
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.7
Insertion Loss Margin (dB)	[Pair 36]	16.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



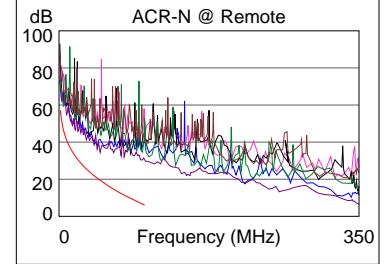
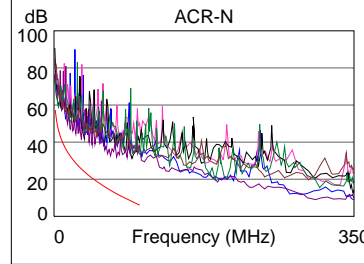
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.8	4.0	4.8	7.0
Freq. (MHz)	63.0	47.8	66.5	97.5
Limit (dB)	33.5	35.6	33.1	30.3
Worst Pair	45	36	78	36
PS NEXT (dB)	7.4	5.9	8.3	8.1
Freq. (MHz)	63.3	44.5	91.5	96.3
Limit (dB)	30.5	33.1	27.7	27.4



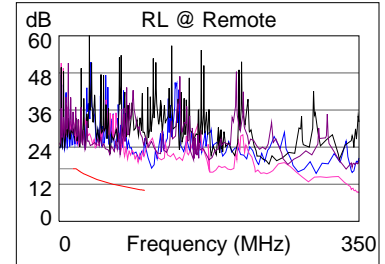
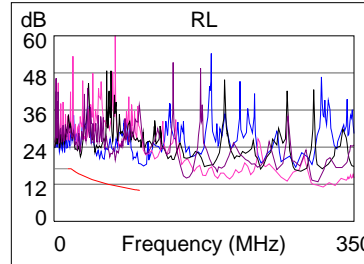
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	5.7	5.7	7.7	8.0
Freq. (MHz)	2.0	2.3	99.3	99.5
Limit (dB)	51.4	50.4	17.5	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.0	7.9	9.9	10.1
Freq. (MHz)	1.0	2.0	99.5	97.8
Limit (dB)	54.4	48.4	14.4	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	12-78	36-45
ACR-N (dB)	11.7	10.2	23.2	23.4
Freq. (MHz)	2.4	2.5	91.3	97.5
Limit (dB)	53.8	53.4	7.9	6.6
Worst Pair	36	36	78	36
PS ACR-N (dB)	11.3	10.9	23.8	24.2
Freq. (MHz)	1.8	1.8	91.5	96.3
Limit (dB)	53.4	53.4	4.9	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	12	36
RL (dB)	5.7	7.9	8.5	8.7
Freq. (MHz)	31.0	18.5	99.0	92.0
Limit (dB)	15.1	17.0	10.1	10.4



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



Cable ID: D1-31

Test Summary: PASS

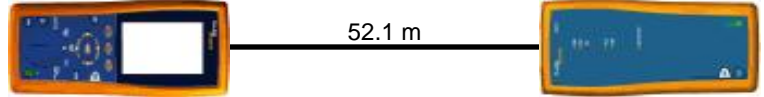
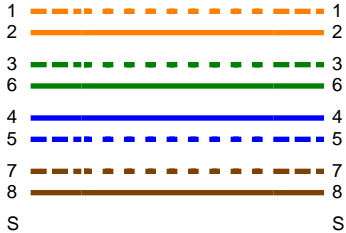
Date / Time: 08/24/2009 10:22:00am
Headroom: 6.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

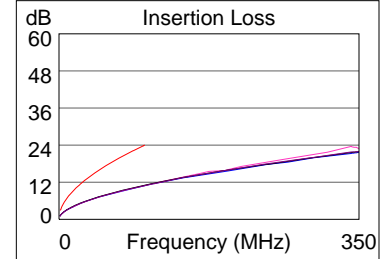
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

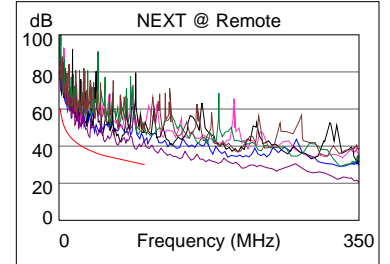
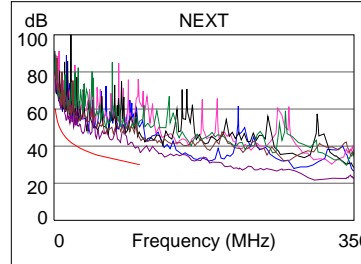
PASS



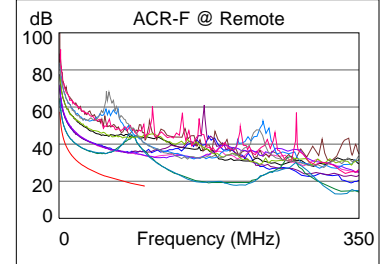
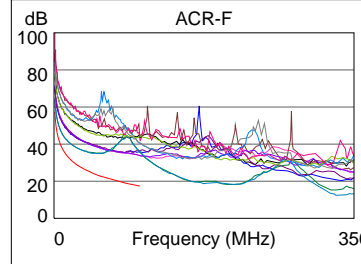
Length (m), Limit 100.0	[Pair 78]	52.1
Prop. Delay (ns), Limit 555		259
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	9.1
Insertion Loss Margin (dB)	[Pair 36]	13.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



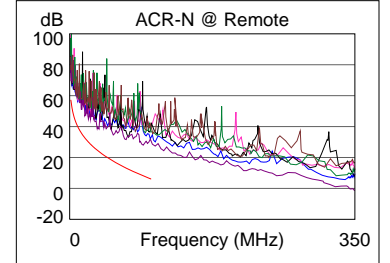
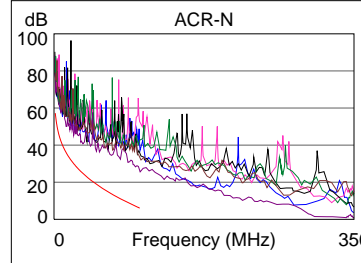
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.3	6.7	7.3	7.5
Freq. (MHz)	100.0	33.8	100.0	90.3
Limit (dB)	30.1	38.1	30.1	30.8
Worst Pair	45	36	45	36
PS NEXT (dB)	9.5	9.1	9.5	9.9
Freq. (MHz)	100.0	52.5	100.0	94.8
Limit (dB)	27.1	31.9	27.1	27.5



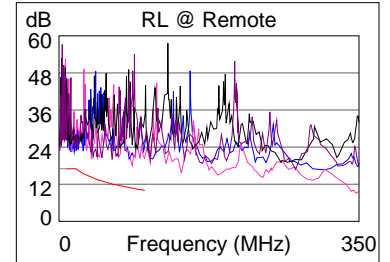
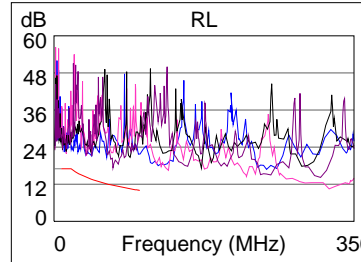
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-45	12-45
ACR-F (dB)	6.1	6.0	16.3	16.3
Freq. (MHz)	1.0	1.9	99.8	98.8
Limit (dB)	57.4	51.9	17.4	17.5
Worst Pair	36	36	45	12
PS ACR-F (dB)	8.4	8.3	16.6	16.9
Freq. (MHz)	1.9	1.0	99.8	99.8
Limit (dB)	48.9	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	11.9	13.0	20.3	19.9
Freq. (MHz)	2.0	2.0	100.0	90.3
Limit (dB)	55.3	55.3	6.1	8.1
Worst Pair	12	12	45	36
PS ACR-N (dB)	13.6	14.2	22.5	22.6
Freq. (MHz)	3.0	2.9	100.0	94.8
Limit (dB)	48.7	49.1	3.1	4.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	12	78	36
RL (dB)	4.8	5.0	5.6	7.2
Freq. (MHz)	14.4	18.0	69.0	85.3
Limit (dB)	17.0	17.0	11.6	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: D1-30

Test Summary: PASS

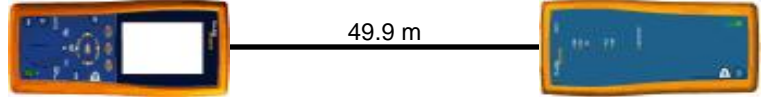
Date / Time: 08/24/2009 10:20:29am
Headroom: 5.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

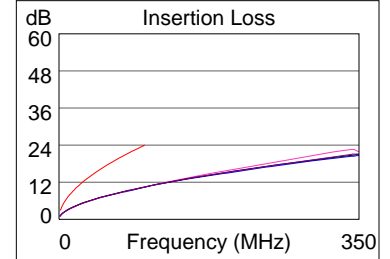
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

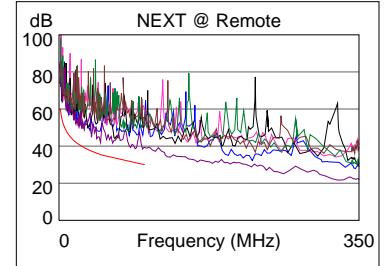
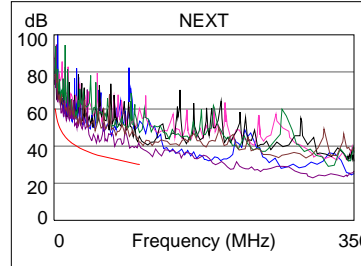
PASS



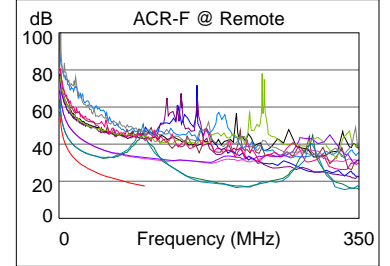
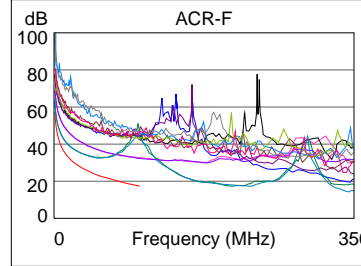
Length (m), Limit 100.0	[Pair 78]	49.9
Prop. Delay (ns), Limit 555		247
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.8
Insertion Loss Margin (dB)	[Pair 36]	13.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



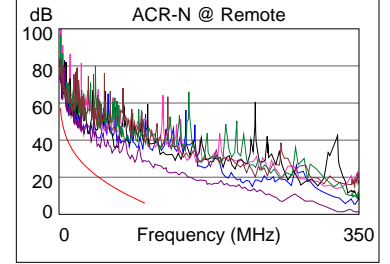
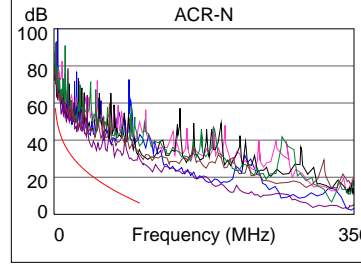
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.0	6.5	7.3	6.8
Freq. (MHz)	48.8	48.5	90.8	88.3
Limit (dB)	35.4	35.5	30.8	31.0
Worst Pair	45	36	45	36
PS NEXT (dB)	7.5	8.5	10.6	9.3
Freq. (MHz)	48.8	48.5	99.8	88.3
Limit (dB)	32.4	32.5	27.1	28.0



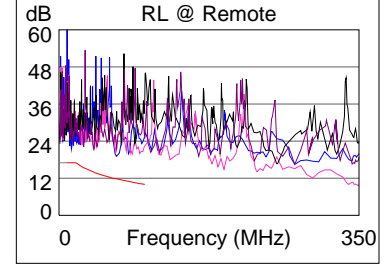
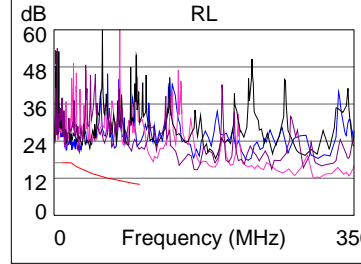
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	12-45	12-45
ACR-F (dB)	5.1	5.1	14.7	14.5
Freq. (MHz)	1.1	1.1	99.3	98.3
Limit (dB)	56.4	56.4	17.5	17.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.6	7.6	12.2	12.4
Freq. (MHz)	1.0	1.1	61.8	63.3
Limit (dB)	54.4	53.4	18.6	18.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	36-45	36-45	36-45
ACR-N (dB)	11.7	12.1	20.2	19.4
Freq. (MHz)	3.5	4.0	90.8	88.3
Limit (dB)	50.3	49.1	8.0	8.6
Worst Pair	78	36	45	36
PS ACR-N (dB)	13.7	14.4	24.1	23.6
Freq. (MHz)	3.3	1.6	99.8	97.5
Limit (dB)	48.0	53.9	3.1	3.6



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	78	12
RL (dB)	4.1	4.0	9.5	6.5
Freq. (MHz)	12.5	14.8	90.0	66.3
Limit (dB)	17.0	17.0	10.5	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: D1-28

Test Summary: PASS

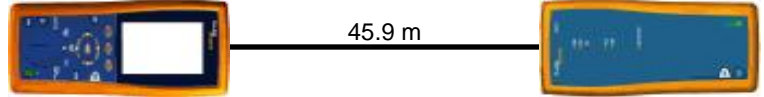
Date / Time: 08/24/2009 10:22:59am
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

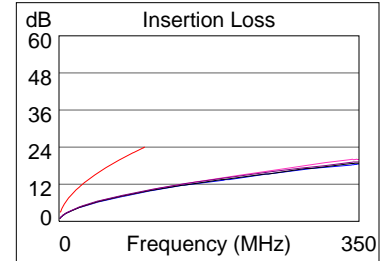
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

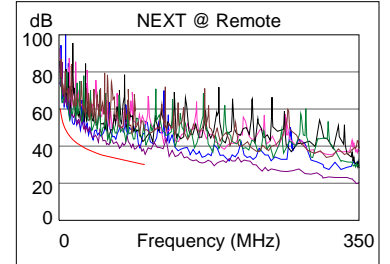
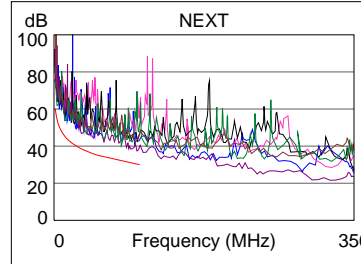
PASS



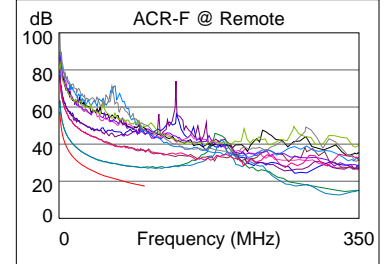
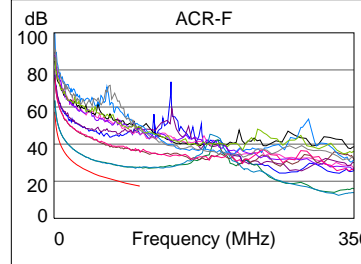
Length (m), Limit 100.0	[Pair 12]	45.9
Prop. Delay (ns), Limit 555		229
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 78]	8.3
Insertion Loss Margin (dB)	[Pair 78]	14.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



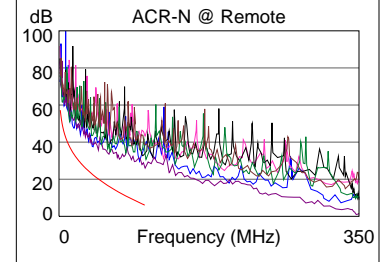
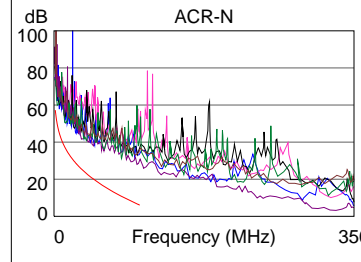
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.5	4.9	6.5	4.9
Freq. (MHz)	97.3	100.0	97.3	100.0
Limit (dB)	30.3	30.1	30.3	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	7.8	6.0	8.5	7.3
Freq. (MHz)	78.8	39.0	99.5	100.0
Limit (dB)	28.9	34.1	27.1	27.1



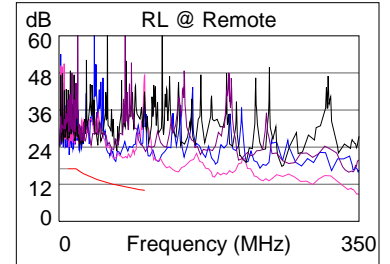
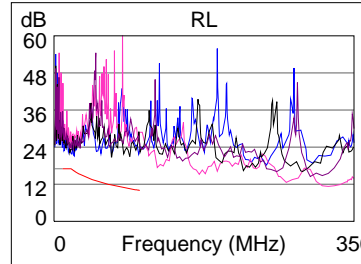
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	5.9	5.9	9.2	9.3
Freq. (MHz)	1.0	1.0	95.3	95.3
Limit (dB)	57.4	57.4	17.8	17.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.6	8.6	12.1	12.1
Freq. (MHz)	1.3	1.0	99.8	95.5
Limit (dB)	52.5	54.4	14.4	14.8



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	10.1	11.5	21.1	19.3
Freq. (MHz)	3.4	3.8	99.5	100.0
Limit (dB)	50.7	49.7	6.2	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	11.0	11.9	22.7	21.6
Freq. (MHz)	3.6	3.6	99.5	100.0
Limit (dB)	47.0	47.0	3.2	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	4.2	4.5	4.2	7.3
Freq. (MHz)	23.4	11.9	23.4	66.5
Limit (dB)	16.3	17.0	16.3	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: D1-27

Test Summary: PASS

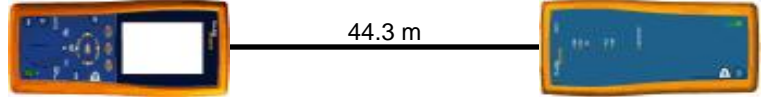
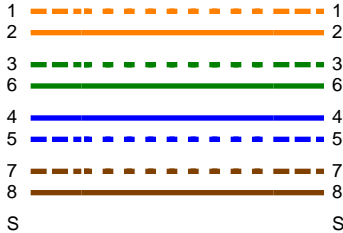
Date / Time: 08/24/2009 10:24:07am
Headroom: 4.6 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

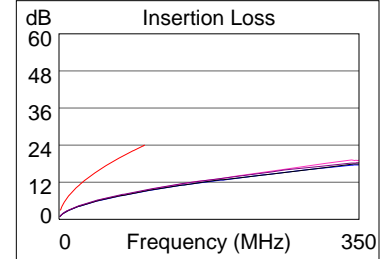
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

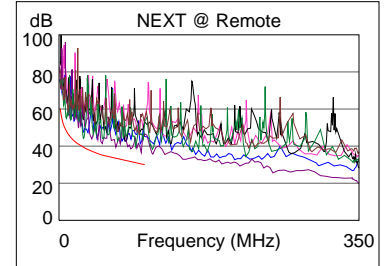
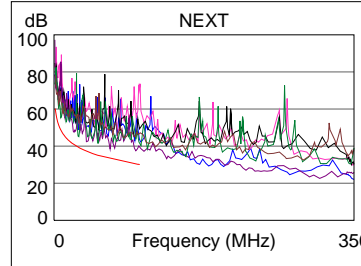
PASS



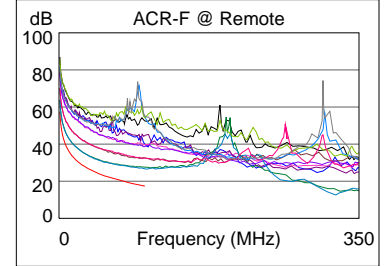
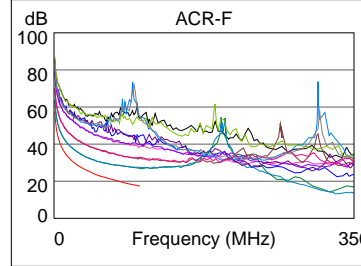
Length (m), Limit 100.0	[Pair 12]	44.3
Prop. Delay (ns), Limit 555		220
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	8.0
Insertion Loss Margin (dB)	[Pair 78]	14.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



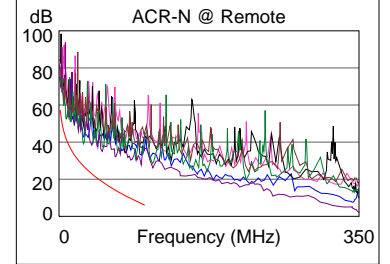
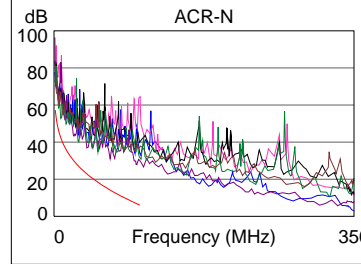
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-78	36-45	36-45
NEXT (dB)	4.9	4.6	5.7	6.2
Freq. (MHz)	38.0	28.5	96.3	96.0
Limit (dB)	37.3	39.4	30.4	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	5.9	5.8	8.1	7.8
Freq. (MHz)	40.5	28.5	96.0	96.0
Limit (dB)	33.8	36.4	27.4	27.4



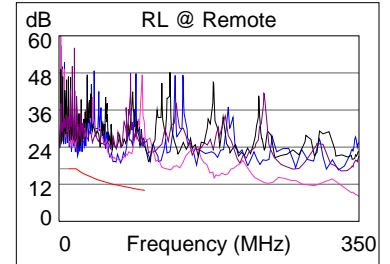
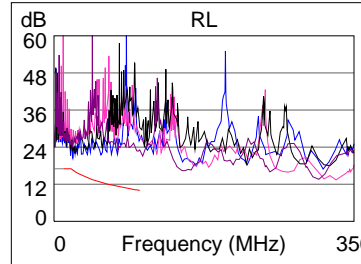
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	5.8	5.8	9.5	9.3
Freq. (MHz)	1.1	1.1	99.3	99.3
Limit (dB)	56.4	56.4	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.0	7.9	11.3	11.1
Freq. (MHz)	1.5	1.1	95.0	97.0
Limit (dB)	50.9	53.4	14.8	14.7



	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)	10.4	10.1	20.4	20.9
Freq. (MHz)	8.1	8.4	96.3	96.3
Limit (dB)	42.1	41.8	6.8	6.8
Worst Pair	78	36	36	36
PS ACR-N (dB)	12.7	12.6	22.6	22.3
Freq. (MHz)	5.4	8.6	96.0	96.0
Limit (dB)	43.3	38.5	3.9	3.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.8	3.8	3.8	6.6
Freq. (MHz)	22.0	22.0	22.0	62.3
Limit (dB)	16.6	16.6	16.6	12.1



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



Cable ID: D1-26

Test Summary: PASS

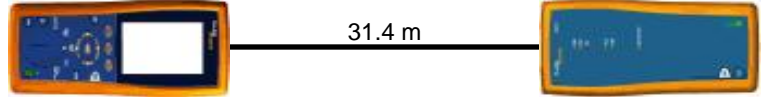
Date / Time: 08/24/2009 10:25:18am
Headroom: 4.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

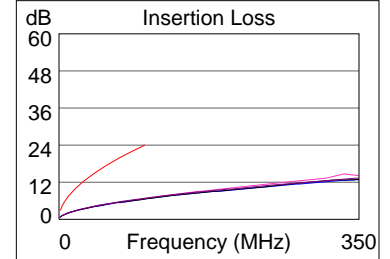
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

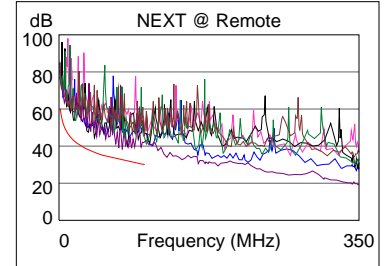
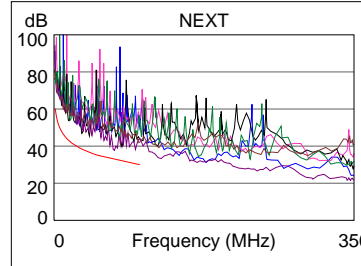
PASS



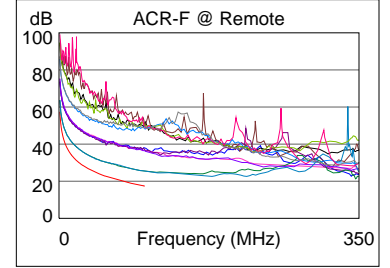
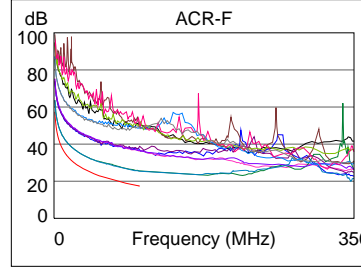
Length (m), Limit 100.0	[Pair 12]	31.4
Prop. Delay (ns), Limit 555		156
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 78]	17.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



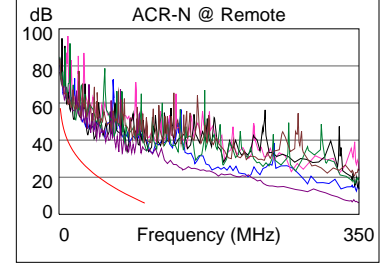
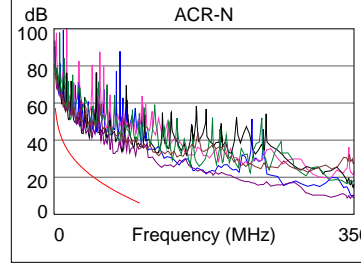
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.1	6.1	4.1	6.1
Freq. (MHz)	69.8	73.8	69.8	73.8
Limit (dB)	32.8	32.4	32.8	32.4
Worst Pair	45	36	45	36
PS NEXT (dB)	6.8	8.6	6.8	8.6
Freq. (MHz)	69.8	73.8	69.8	73.8
Limit (dB)	29.8	29.4	29.8	29.4



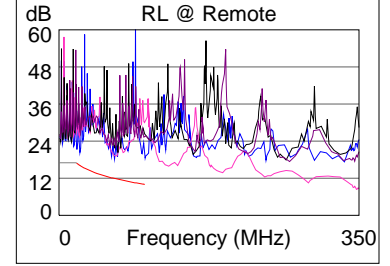
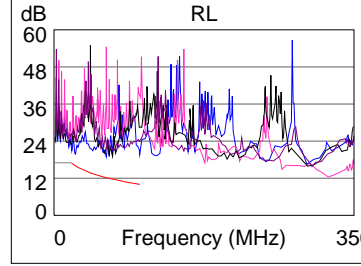
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	6.3	6.3	8.0	7.8
Freq. (MHz)	1.0	1.0	100.0	99.3
Limit (dB)	57.4	57.4	17.4	17.5
Worst Pair	36	36	36	45
PS ACR-F (dB)	8.9	8.9	10.6	10.6
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	54.4	54.4	14.5	14.5



	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



	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: D1-24

Test Summary: N/A

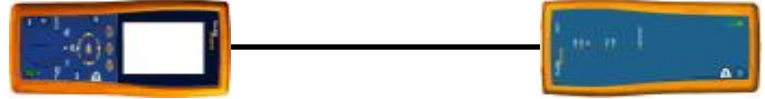
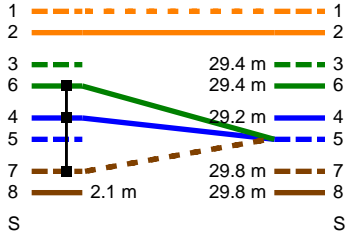
Date / Time: 08/24/2009 10:27:28am
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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)	N/A
Prop. Delay (ns)	[Pair 12] 4240
Delay Skew (ns)	[Pair 12] 4230
Resistance (ohms)	[Pair 36] Open



Cable ID: D1-23

Test Summary: PASS

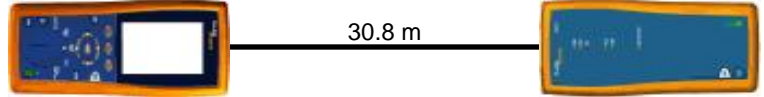
Date / Time: 08/24/2009 10:28:37am
Headroom: 5.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

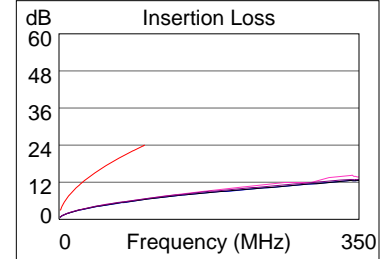
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

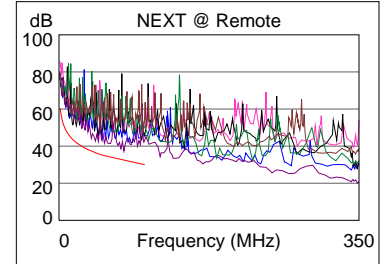
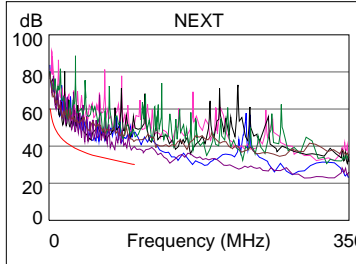
PASS



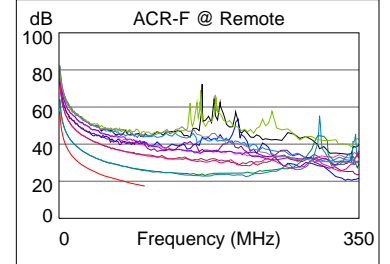
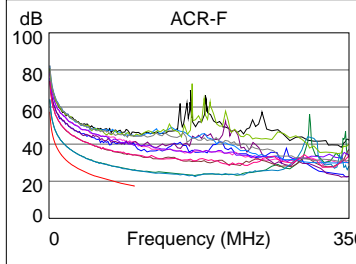
Length (m), Limit 100.0	[Pair 12]	30.8
Prop. Delay (ns), Limit 555		152
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



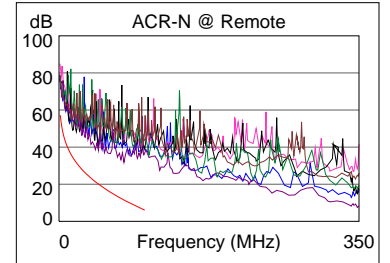
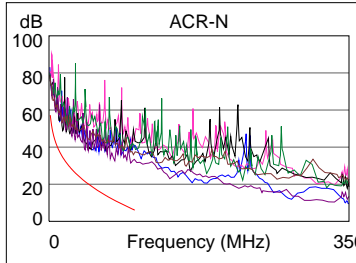
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.3	5.1	5.3	5.1
Freq. (MHz)	76.0	75.8	76.0	76.0
Limit (dB)	32.1	32.2	32.1	32.1
Worst Pair	36	45	45	45
PS NEXT (dB)	7.4	7.7	8.9	7.7
Freq. (MHz)	46.0	75.8	95.3	76.0
Limit (dB)	32.9	29.2	27.4	29.1



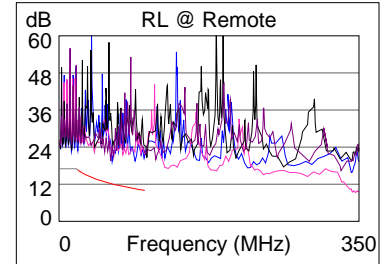
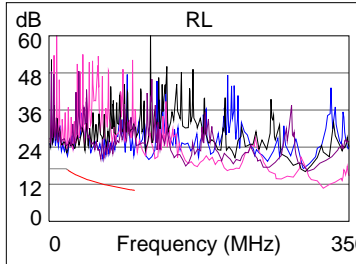
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	6.3	6.3	8.3	8.2
Freq. (MHz)	1.0	1.0	98.8	97.5
Limit (dB)	57.4	57.4	17.5	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	9.0	8.6	10.5	10.7
Freq. (MHz)	1.1	1.0	99.0	97.5
Limit (dB)	53.4	54.4	14.5	14.6



	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)	14.4	14.4	24.3	20.2
Freq. (MHz)	15.9	16.0	95.3	76.0
Limit (dB)	34.6	34.5	7.1	11.5
Worst Pair	78	12	45	36
PS ACR-N (dB)	15.9	15.3	26.0	22.8
Freq. (MHz)	15.9	11.9	95.3	76.0
Limit (dB)	31.6	35.0	4.1	8.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	12	12	12
RL (dB)	7.5	7.0	7.6	7.0
Freq. (MHz)	60.0	62.3	62.3	62.3
Limit (dB)	12.2	12.1	12.1	12.1



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



Cable ID: D1-21

Test Summary: PASS

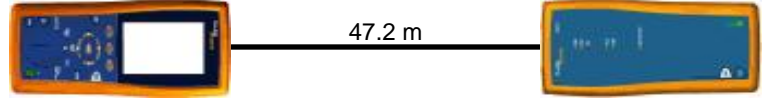
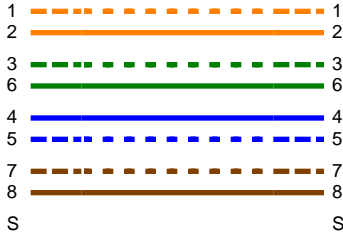
Date / Time: 08/24/2009 10:34:16am
Headroom: 5.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

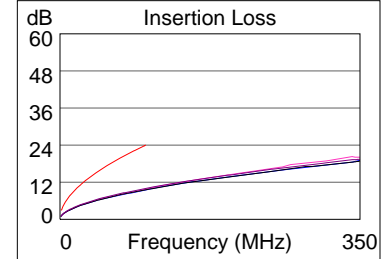
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

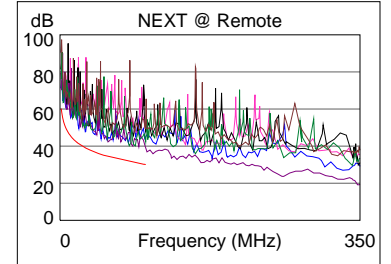
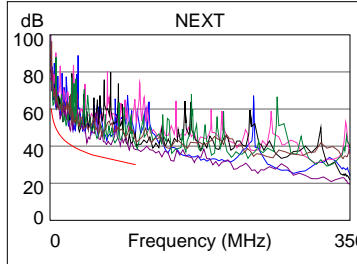
PASS



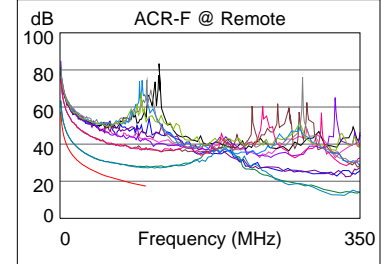
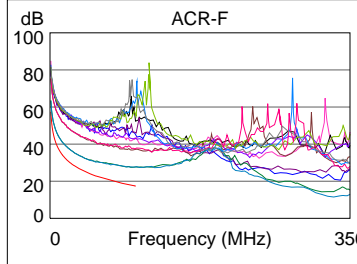
Length (m), Limit 100.0	[Pair 12]	47.2
Prop. Delay (ns), Limit 555		234
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.4
Insertion Loss Margin (dB)	[Pair 78]	14.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



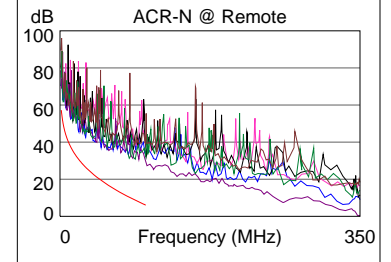
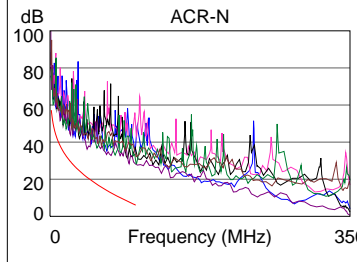
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.2	7.5	6.8	8.7
Freq. (MHz)	42.8	42.3	92.0	92.3
Limit (dB)	36.4	36.5	30.7	30.7
Worst Pair	45	36	36	36
PS NEXT (dB)	7.7	7.2	8.4	9.3
Freq. (MHz)	42.8	55.5	99.5	99.5
Limit (dB)	33.4	31.5	27.1	27.1



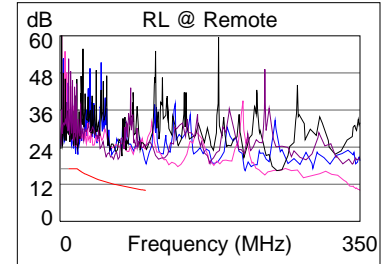
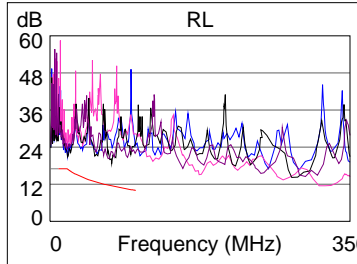
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.8	5.8	9.5	9.3
Freq. (MHz)	1.6	1.6	93.8	93.3
Limit (dB)	53.2	53.2	18.0	18.0
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.5	8.6	12.5	12.0
Freq. (MHz)	1.0	1.3	99.0	93.8
Limit (dB)	54.4	52.5	14.5	15.0



	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)	10.3	11.4	20.7	23.9
Freq. (MHz)	3.5	3.8	92.3	99.5
Limit (dB)	50.3	49.7	7.7	6.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	10.5	11.3	22.5	23.4
Freq. (MHz)	3.8	3.8	99.5	99.5
Limit (dB)	46.7	46.7	3.2	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	3.8	4.4	7.1	8.3
Freq. (MHz)	20.5	20.6	72.3	100.0
Limit (dB)	16.9	16.9	11.4	10.0



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



Cable ID: D1-20

Test Summary: PASS

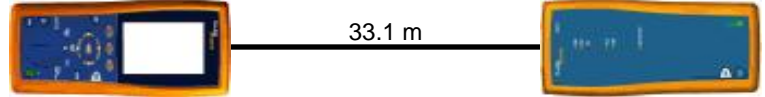
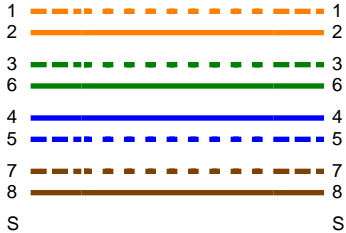
Date / Time: 08/24/2009 10:38:18am
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

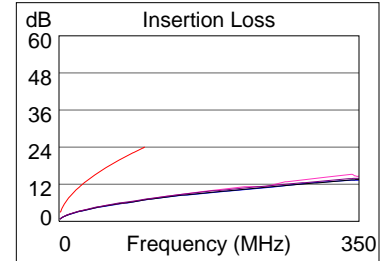
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

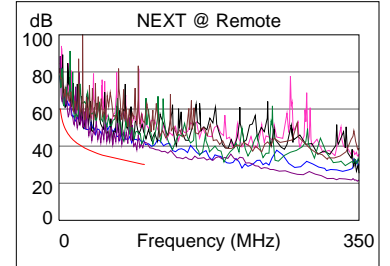
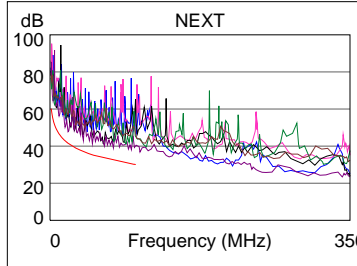
PASS



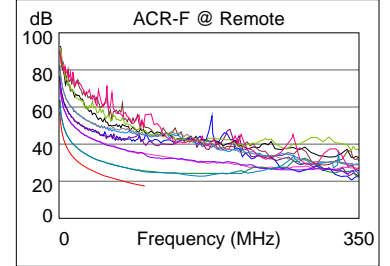
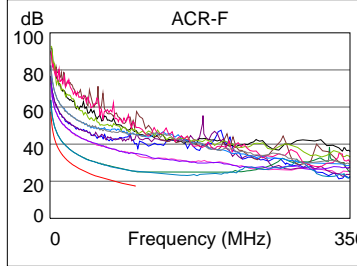
Length (m), Limit 100.0	[Pair 12]	33.1
Prop. Delay (ns), Limit 555		164
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	16.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



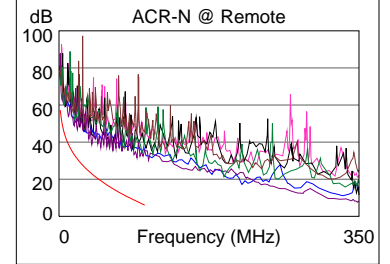
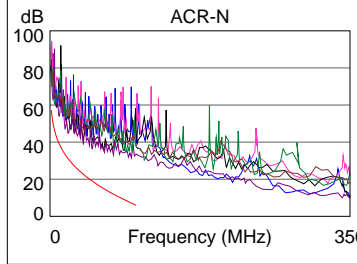
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.4	5.4	7.2	7.2
Freq. (MHz)	38.5	38.5	94.5	90.8
Limit (dB)	37.2	37.2	30.5	30.8
Worst Pair	45	36	36	36
PS NEXT (dB)	7.7	7.8	9.1	8.8
Freq. (MHz)	38.5	38.5	91.0	97.8
Limit (dB)	34.2	34.2	27.8	27.2



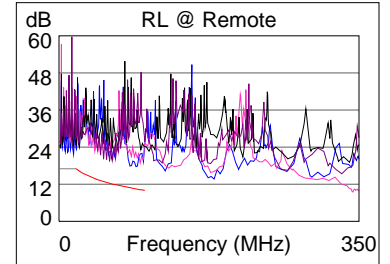
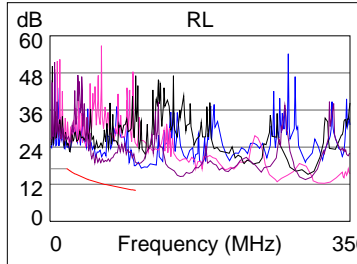
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.1	6.0	7.8	7.6
Freq. (MHz)	2.3	2.3	100.0	100.0
Limit (dB)	50.4	50.4	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.8	8.7	10.3	10.3
Freq. (MHz)	1.1	1.0	100.0	97.5
Limit (dB)	53.4	54.4	14.4	14.6



	Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	12.6	12.3	23.9	23.5
Freq. (MHz)	3.3	3.3	94.5	90.8
Limit (dB)	51.0	51.0	7.2	8.0
Worst Pair	78	36	36	36
PS ACR-N (dB)	14.9	14.0	25.8	25.5
Freq. (MHz)	1.6	2.5	94.8	97.8
Limit (dB)	53.9	50.4	4.2	3.5



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	12	12
RL (dB)	5.5	6.6	6.6	6.6
Freq. (MHz)	51.8	83.5	99.0	83.5
Limit (dB)	12.9	10.8	10.1	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: D1-19

Test Summary: PASS

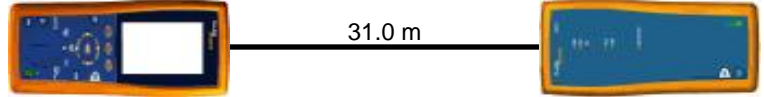
Date / Time: 08/24/2009 11:10:53am
Headroom: 5.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

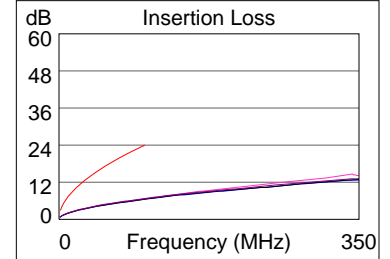
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

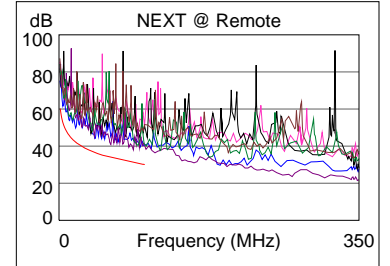
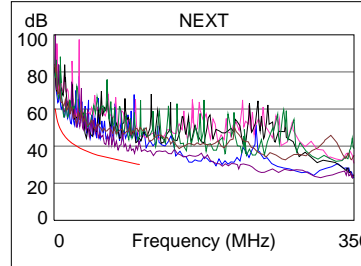
PASS



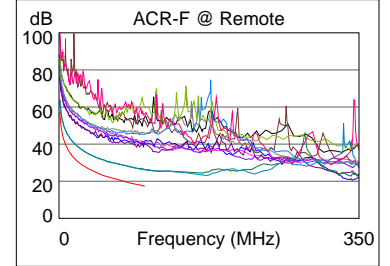
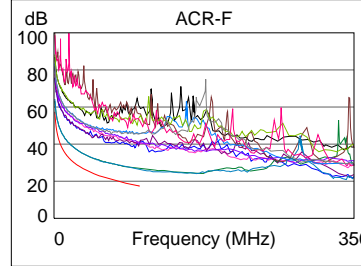
Length (m), Limit 100.0	[Pair 12]	31.0
Prop. Delay (ns), Limit 555		154
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 78]	17.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



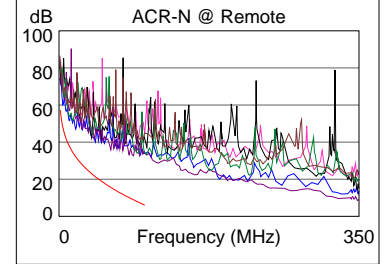
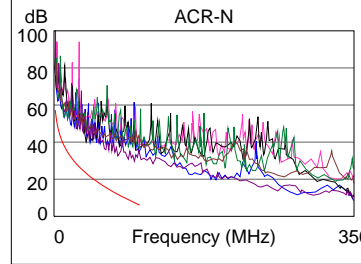
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.0	6.2	5.4	6.2
Freq. (MHz)	86.0	86.0	93.8	86.0
Limit (dB)	31.2	31.2	30.6	31.2
Worst Pair	36	36	45	36
PS NEXT (dB)	7.4	7.8	7.8	8.2
Freq. (MHz)	86.3	86.3	93.5	100.0
Limit (dB)	28.2	28.2	27.6	27.1



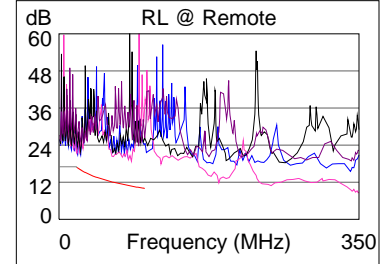
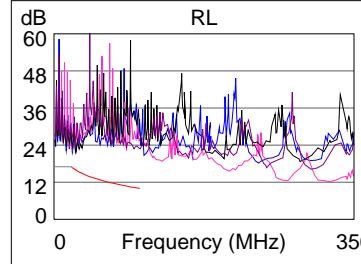
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	5.8	5.8	8.8	8.5
Freq. (MHz)	1.0	1.0	100.0	96.8
Limit (dB)	57.4	57.4	17.4	17.7
Worst Pair	45	36	36	36
PS ACR-F (dB)	8.5	8.6	11.7	11.4
Freq. (MHz)	1.0	1.0	99.5	96.8
Limit (dB)	54.4	54.4	14.4	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	14.2	12.0	22.3	22.3
Freq. (MHz)	4.5	4.3	93.8	86.0
Limit (dB)	48.0	48.5	7.4	9.1
Worst Pair	36	36	45	36
PS ACR-N (dB)	14.4	13.8	24.7	25.6
Freq. (MHz)	11.8	11.8	93.5	100.0
Limit (dB)	35.1	35.1	4.4	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	36
RL (dB)	5.4	4.7	5.4	8.0
Freq. (MHz)	25.4	24.9	25.4	84.3
Limit (dB)	16.0	16.1	16.0	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: D1-18

Test Summary: PASS

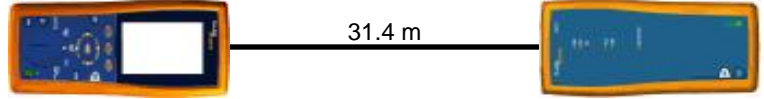
Date / Time: 08/24/2009 10:42:28am
Headroom: 6.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

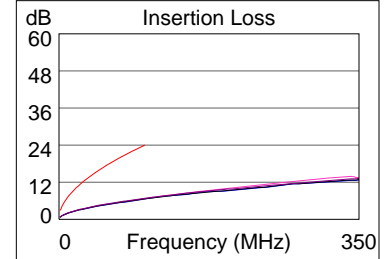
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

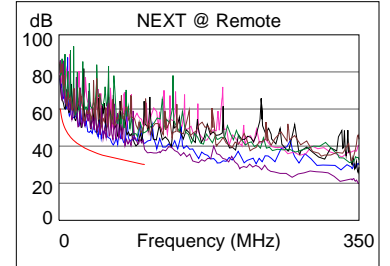
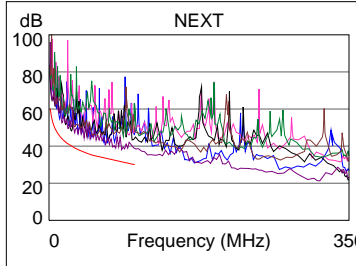
PASS



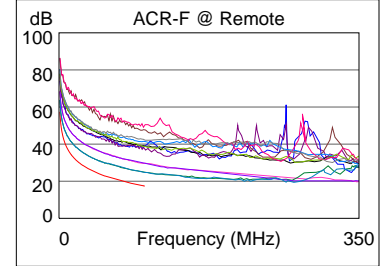
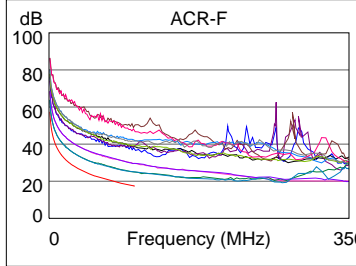
Length (m), Limit 100.0	[Pair 12]	31.4
Prop. Delay (ns), Limit 555		156
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 36]	17.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



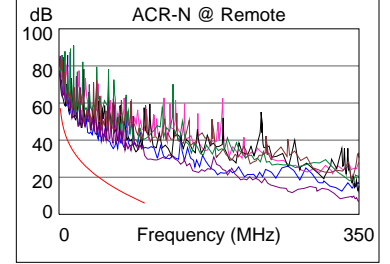
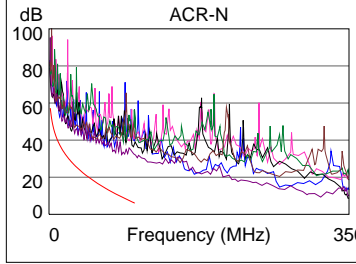
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	12-36	36-45	36-45
NEXT (dB)	6.5	6.8	7.3	7.9
Freq. (MHz)	77.3	64.0	99.8	99.3
Limit (dB)	32.0	33.4	30.1	30.1
Worst Pair	36	36	45	36
PS NEXT (dB)	7.9	8.4	9.7	8.9
Freq. (MHz)	76.8	62.8	99.8	99.3
Limit (dB)	29.1	30.6	27.1	27.1



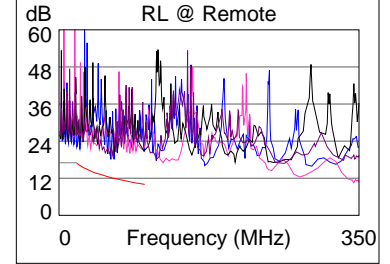
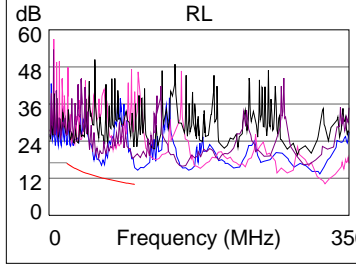
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	6.1	6.1	7.1	7.2
Freq. (MHz)	2.0	1.8	99.5	100.0
Limit (dB)	51.4	52.5	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	7.8	7.8	9.0	8.8
Freq. (MHz)	2.0	1.8	100.0	100.0
Limit (dB)	48.4	49.5	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	12.4	12.5	24.7	25.3
Freq. (MHz)	2.6	2.6	100.0	99.3
Limit (dB)	52.9	52.9	6.1	6.2
Worst Pair	12	12	45	36
PS ACR-N (dB)	13.1	12.8	27.1	26.1
Freq. (MHz)	2.1	1.8	100.0	99.3
Limit (dB)	51.8	53.4	3.1	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	3.6	5.3	5.4	5.8
Freq. (MHz)	60.8	24.3	100.0	60.8
Limit (dB)	12.2	16.2	10.0	12.2



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



Cable ID: D1-17

Test Summary: FAIL

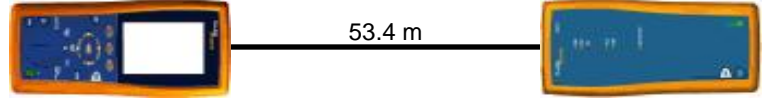
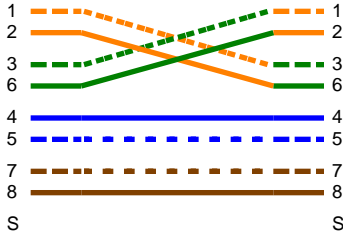
Date / Time: 08/24/2009 10:45:08am
 Headroom: 5.5 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

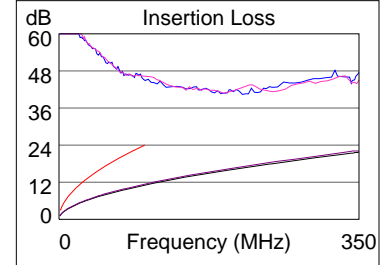
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

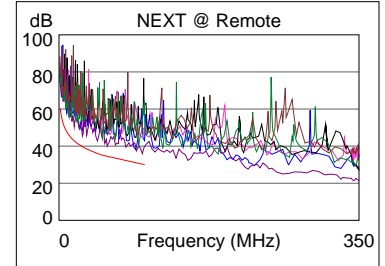
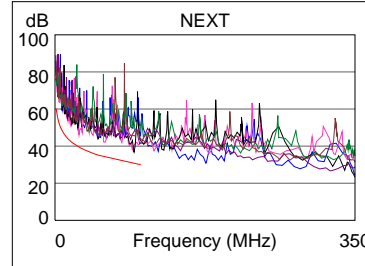
FAIL



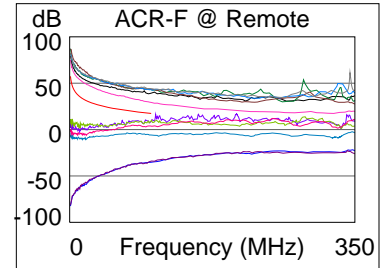
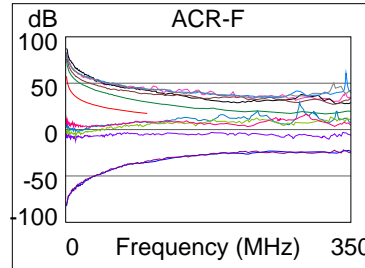
Length (m), Limit 100.0	[Pair 36]	53.4
Prop. Delay (ns), Limit 555		266
Delay Skew (ns), Limit 50		8
Resistance (ohms)	[Pair 12]	9.5
Insertion Loss Margin (dB)	[Pair 36]	-80.5 F
Frequency (MHz)	[Pair 36]	1.0
Limit (dB)	[Pair 36]	3.0



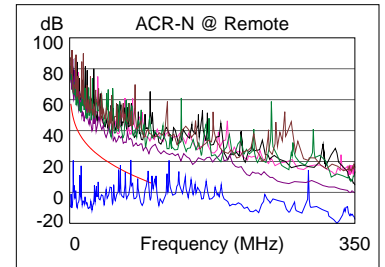
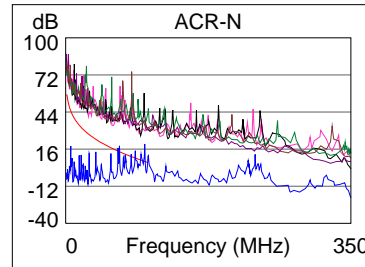
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	36-45	12-78	36-45
NEXT (dB)	6.0	5.5	6.0	5.6
Freq. (MHz)	92.3	27.8	92.3	97.0
Limit (dB)	30.7	39.6	30.7	30.3
Worst Pair	12	36	12	36
PS NEXT (dB)	7.1	6.8	7.1	7.3
Freq. (MHz)	92.5	27.4	92.5	90.3
Limit (dB)	27.7	36.7	27.7	27.8



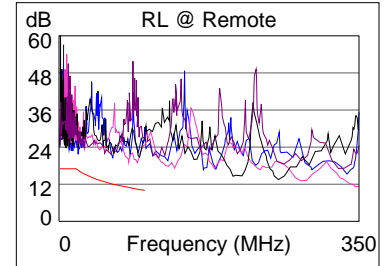
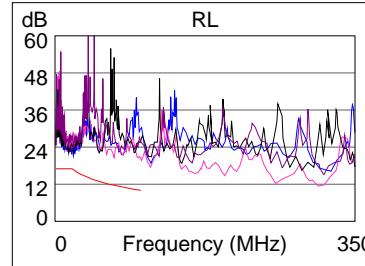
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	12-36	12-36	12-36	12-36
ACR-F (dB)	-139.9 F	-139.9 F	-139.9	-139.9
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	57.4	57.4	57.4	57.4
Worst Pair	36	12	36	12
PS ACR-F (dB)	-136.9 F	-136.9 F	-136.9	-136.9
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	54.4	54.4	54.4	54.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	-64.1	-67.0	-38.3	-39.2
Freq. (MHz)	1.1	1.1	27.4	27.4
Limit (dB)	57.0	57.0	27.7	27.7
Worst Pair	36	12	12	36
PS ACR-N (dB)	-64.3	-65.9	-38.8	-41.1
Freq. (MHz)	1.0	1.6	27.9	27.4
Limit (dB)	54.0	53.9	24.4	24.7



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	36	36
RL (dB)	4.5	5.1	9.3	8.1
Freq. (MHz)	21.5	22.4	100.0	81.5
Limit (dB)	16.7	16.5	10.0	10.9





Cable ID: D1-16

Test Summary: PASS

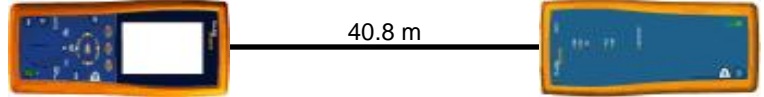
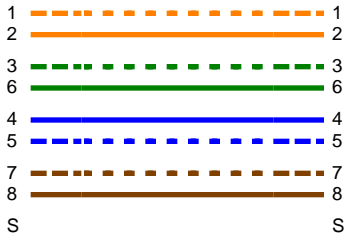
Date / Time: 08/24/2009 11:12:11am
Headroom: 2.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

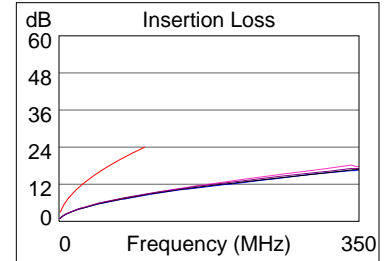
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

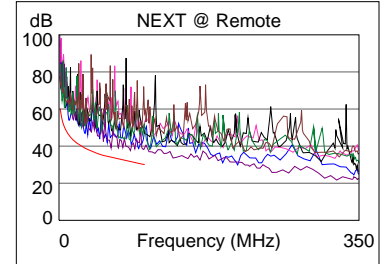
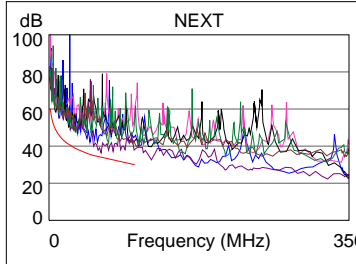
PASS



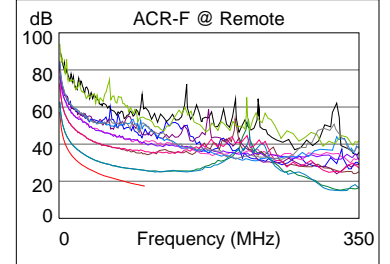
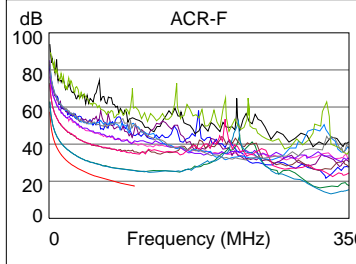
Length (m), Limit 100.0	[Pair 12]	40.8
Prop. Delay (ns), Limit 555		203
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.4
Insertion Loss Margin (dB)	[Pair 78]	15.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



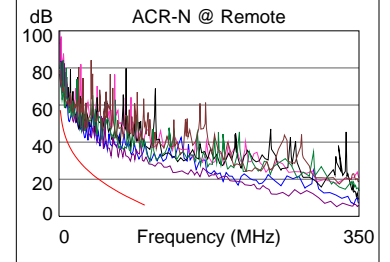
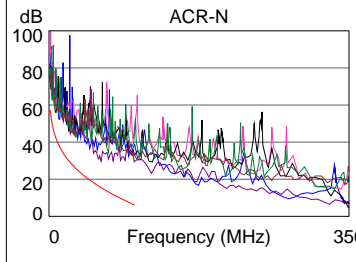
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.6	5.0	2.6	6.7
Freq. (MHz)	60.8	61.0	60.8	99.8
Limit (dB)	33.8	33.8	33.8	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	5.2	7.1	5.9	7.1
Freq. (MHz)	60.8	83.0	69.0	83.0
Limit (dB)	30.8	28.5	29.9	28.5



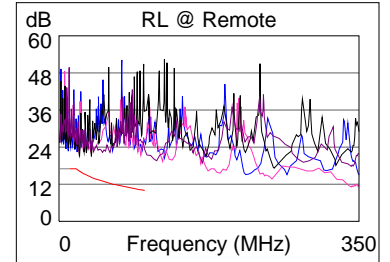
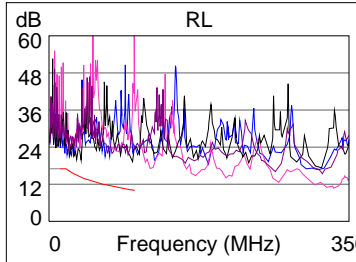
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	5.1	5.1	7.9	7.7
Freq. (MHz)	1.0	1.0	98.5	98.3
Limit (dB)	57.4	57.4	17.5	17.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.5	8.0	10.3	10.5
Freq. (MHz)	1.0	1.5	94.5	98.8
Limit (dB)	54.4	50.9	14.9	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	12-36	36-45	36-45
ACR-N (dB)	12.0	12.6	22.7	22.2
Freq. (MHz)	3.3	11.6	99.5	99.8
Limit (dB)	51.0	38.2	6.2	6.1
Worst Pair	78	36	45	36
PS ACR-N (dB)	13.2	13.8	24.4	24.5
Freq. (MHz)	3.1	11.6	99.5	99.8
Limit (dB)	48.4	35.2	3.2	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	45	45
RL (dB)	4.6	4.8	9.1	6.8
Freq. (MHz)	23.8	23.8	97.3	37.8
Limit (dB)	16.3	16.3	10.1	14.2



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



Cable ID: D1-15

Test Summary: PASS

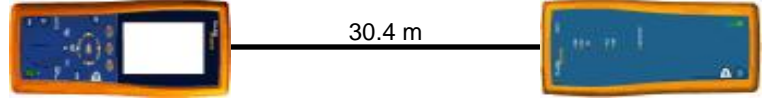
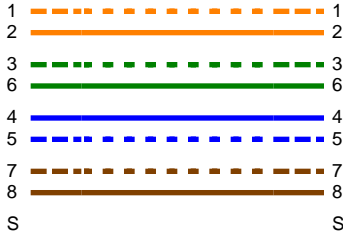
Date / Time: 08/24/2009 10:37:26am
Headroom: 5.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

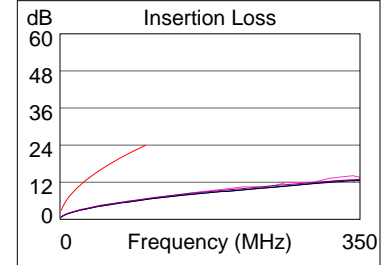
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

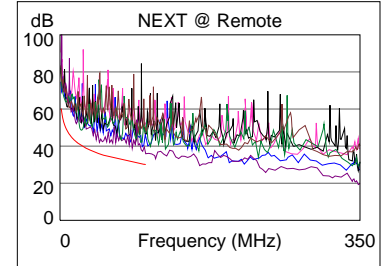
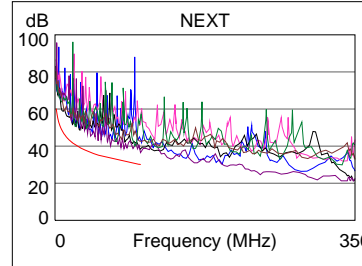
PASS



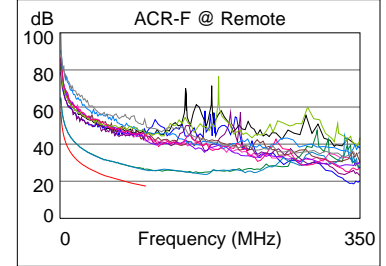
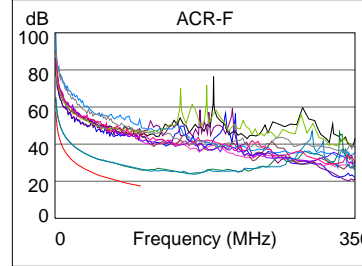
Length (m), Limit 100.0	[Pair 12]	30.4
Prop. Delay (ns), Limit 555		151
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 78]	17.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



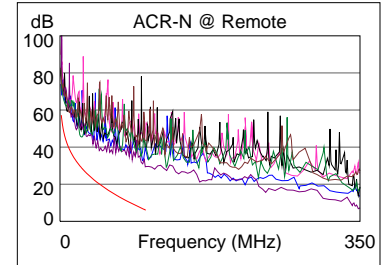
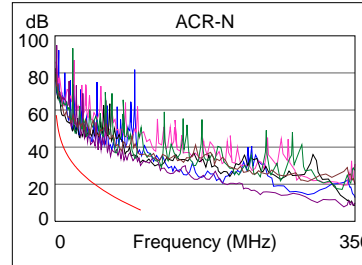
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.4	5.6	6.4	5.6
Freq. (MHz)	65.3	99.8	99.5	99.8
Limit (dB)	33.3	30.1	30.1	30.1
Worst Pair	45	36	45	36
PS NEXT (dB)	8.1	6.6	8.1	6.6
Freq. (MHz)	99.8	95.8	99.8	95.8
Limit (dB)	27.1	27.4	27.1	27.4



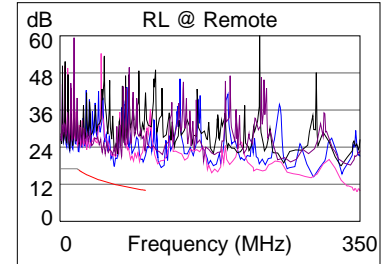
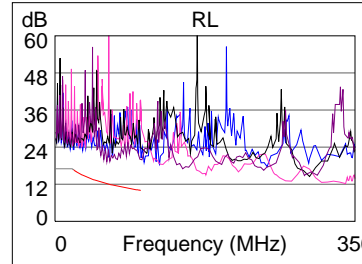
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	6.9	6.9	8.6	8.5
Freq. (MHz)	1.0	1.0	98.8	98.5
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	36	45	36	36
PS ACR-F (dB)	9.7	9.9	11.5	11.5
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	54.4	54.4	14.5	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	13.6	12.7	23.9	23.2
Freq. (MHz)	1.9	1.9	99.5	99.8
Limit (dB)	55.8	55.8	6.2	6.1
Worst Pair	12	12	45	36
PS ACR-N (dB)	14.5	14.5	25.7	23.6
Freq. (MHz)	2.6	1.9	99.8	95.8
Limit (dB)	49.9	52.8	3.1	4.0



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	12	78	12
RL (dB)	7.1	5.8	7.5	5.8
Freq. (MHz)	60.5	63.3	72.0	63.3
Limit (dB)	12.2	12.0	11.4	12.0



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



Cable ID: D1-14

Test Summary: PASS

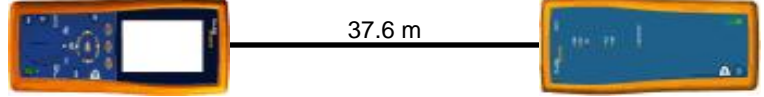
Date / Time: 08/24/2009 11:13:53am
Headroom: 3.7 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

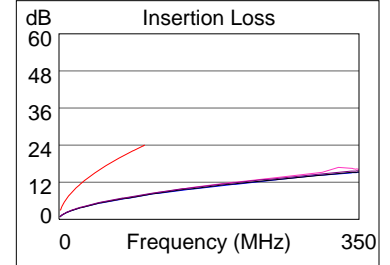
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

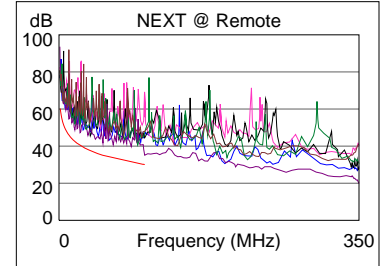
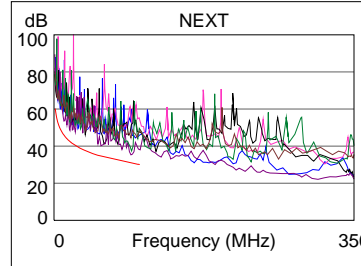
PASS



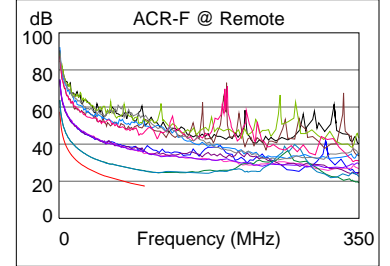
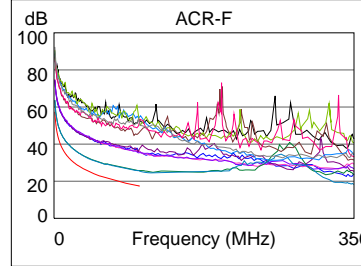
Length (m), Limit 100.0	[Pair 12]	37.6
Prop. Delay (ns), Limit 555		187
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.0
Insertion Loss Margin (dB)	[Pair 36]	16.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



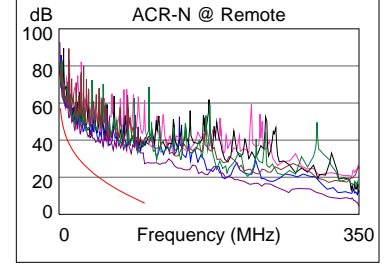
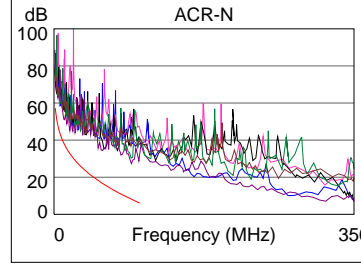
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.7	5.0	3.7	5.0
Freq. (MHz)	90.5	100.0	90.5	100.0
Limit (dB)	30.8	30.1	30.8	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	4.9	6.3	4.9	7.6
Freq. (MHz)	90.5	18.3	90.5	100.0
Limit (dB)	27.8	39.6	27.8	27.1



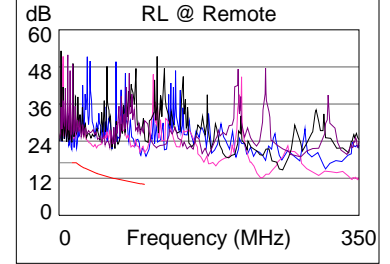
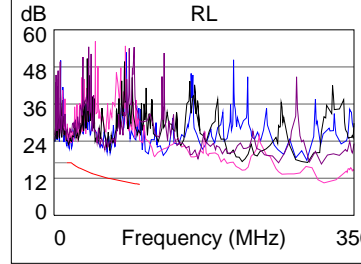
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	6.0	6.0	8.0	8.1
Freq. (MHz)	1.5	1.5	99.8	99.8
Limit (dB)	53.9	53.9	17.4	17.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	8.7	8.7	10.6	10.6
Freq. (MHz)	1.5	1.5	99.8	99.5
Limit (dB)	50.9	50.9	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-36	36-45	36-45
ACR-N (dB)	12.4	12.0	19.1	21.2
Freq. (MHz)	18.3	3.8	90.5	100.0
Limit (dB)	32.9	49.7	8.1	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.7	12.8	20.1	23.6
Freq. (MHz)	18.3	18.3	90.5	100.0
Limit (dB)	29.9	29.9	5.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	4.5	4.6	8.2	9.0
Freq. (MHz)	17.5	20.6	65.3	95.0
Limit (dB)	17.0	16.9	11.9	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: D1-13

Test Summary: PASS

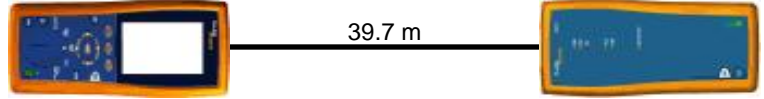
Date / Time: 08/24/2009 11:15:20am
Headroom: 4.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

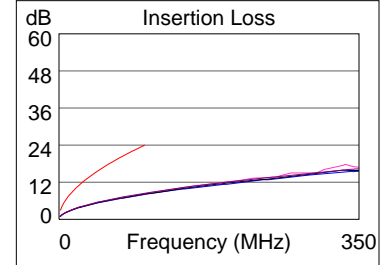
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

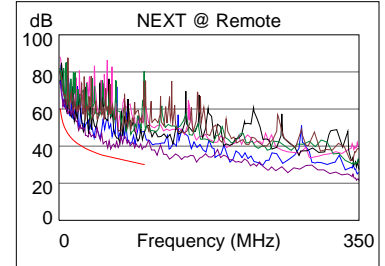
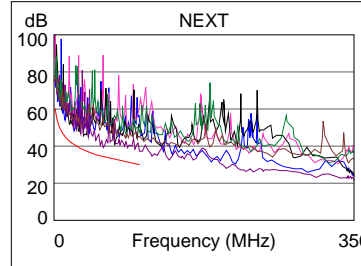
PASS



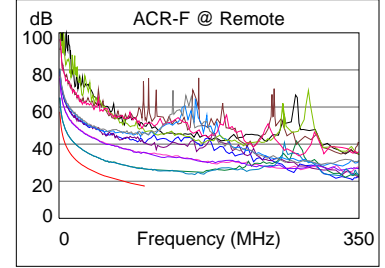
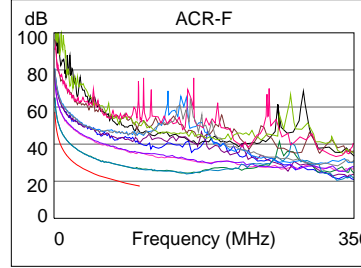
Length (m), Limit 100.0	[Pair 12]	39.7
Prop. Delay (ns), Limit 555		196
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	7.4
Insertion Loss Margin (dB)	[Pair 78]	15.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



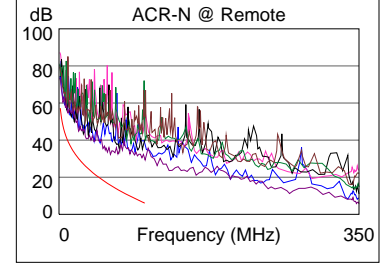
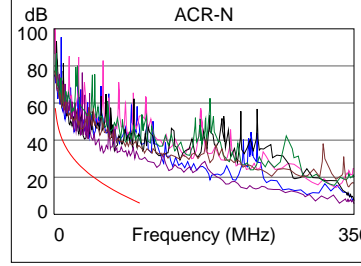
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.3	4.4	6.9	6.5
Freq. (MHz)	57.0	57.0	100.0	99.8
Limit (dB)	34.3	34.3	30.1	30.1
Worst Pair	36	36	45	36
PS NEXT (dB)	7.2	7.2	9.4	8.8
Freq. (MHz)	57.0	57.0	100.0	100.0
Limit (dB)	31.3	31.3	27.1	27.1



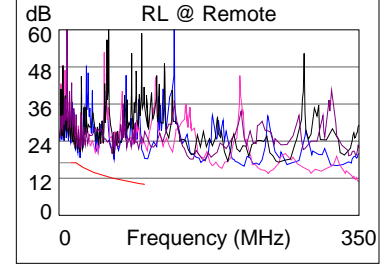
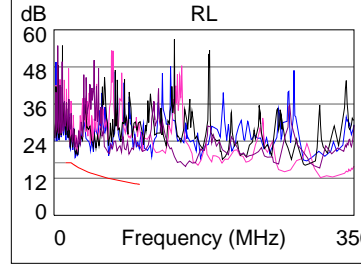
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	7.4	7.4	9.0	9.1
Freq. (MHz)	1.9	2.1	99.3	99.3
Limit (dB)	51.9	50.9	17.5	17.5
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.9	9.9	11.3	11.4
Freq. (MHz)	1.9	2.3	94.0	98.0
Limit (dB)	48.9	47.4	14.9	14.6



	Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-45	36-45
ACR-N (dB)	13.1	11.9	22.8	22.4
Freq. (MHz)	1.6	4.6	100.0	99.8
Limit (dB)	56.9	47.7	6.1	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.8	12.5	25.3	24.5
Freq. (MHz)	1.6	4.4	100.0	100.0
Limit (dB)	53.9	45.2	3.1	3.1



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	2.4	2.5	2.4	5.9
Freq. (MHz)	24.8	24.5	24.8	64.0
Limit (dB)	16.1	16.1	16.1	11.9



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



Cable ID: D1-12

Test Summary: PASS

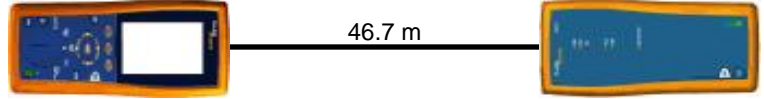
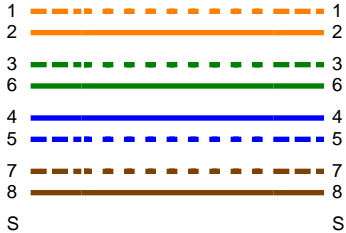
Date / Time: 08/24/2009 11:04:32am
Headroom: 2.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

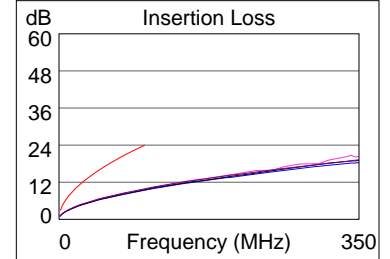
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

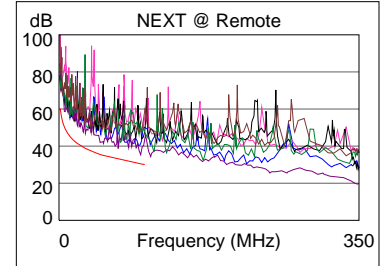
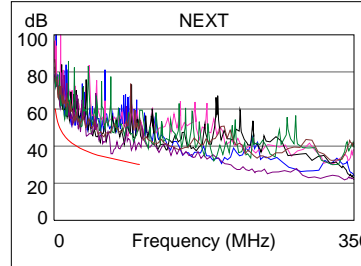
PASS



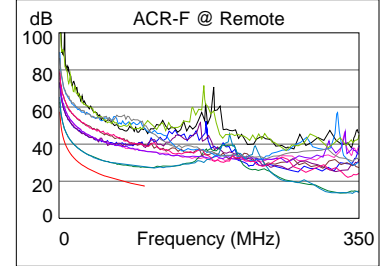
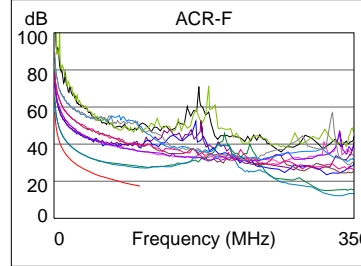
Length (m), Limit 100.0	[Pair 12]	46.7
Prop. Delay (ns), Limit 555		233
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	8.5
Insertion Loss Margin (dB)	[Pair 78]	14.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



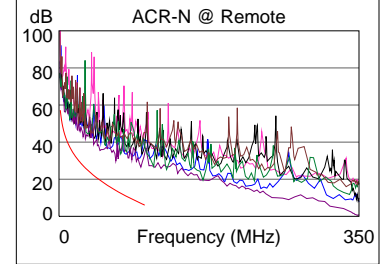
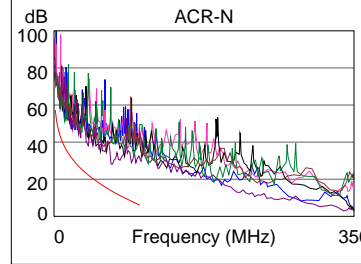
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.4	4.2	2.4	4.9
Freq. (MHz)	69.0	66.3	69.0	95.0
Limit (dB)	32.9	33.2	32.9	30.5
Worst Pair	36	36	36	36
PS NEXT (dB)	5.2	6.7	5.2	6.7
Freq. (MHz)	67.0	95.0	69.0	95.0
Limit (dB)	30.1	27.5	29.9	27.5



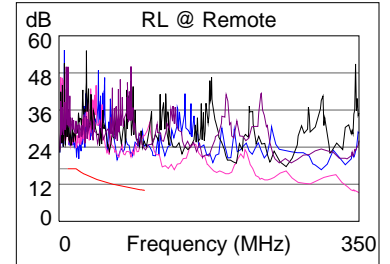
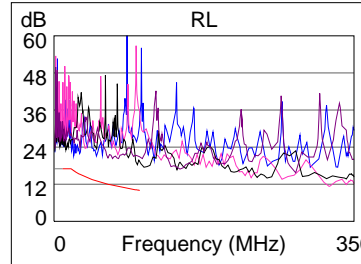
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	5.3	5.3	9.4	9.5
Freq. (MHz)	1.0	1.0	95.5	96.8
Limit (dB)	57.4	57.4	17.8	17.7
Worst Pair	36	45	36	45
PS ACR-F (dB)	7.8	8.1	12.2	11.9
Freq. (MHz)	1.0	1.0	100.0	95.5
Limit (dB)	54.4	54.4	14.4	14.8



	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



Cable ID: D1-11

Test Summary: PASS

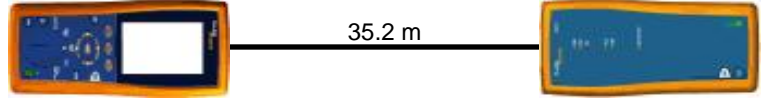
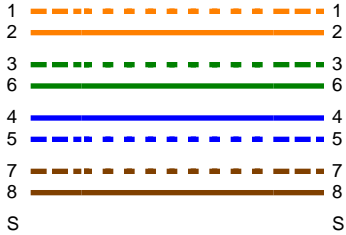
Date / Time: 08/24/2009 11:16:29am
 Headroom: 3.3 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

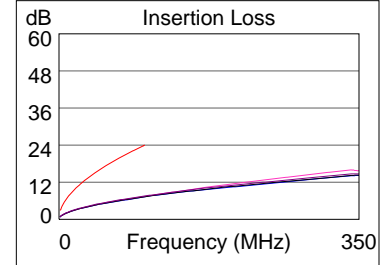
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

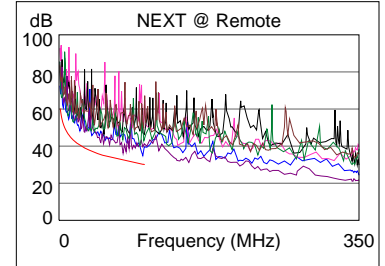
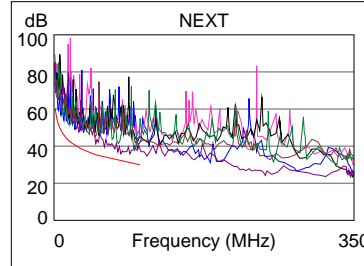
PASS



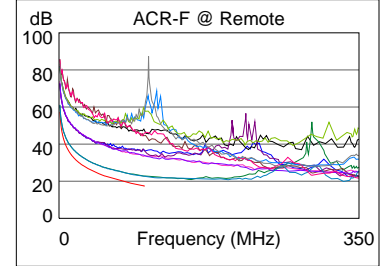
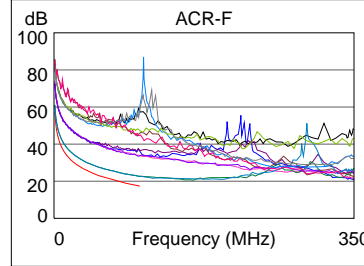
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



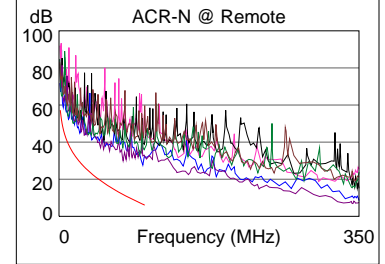
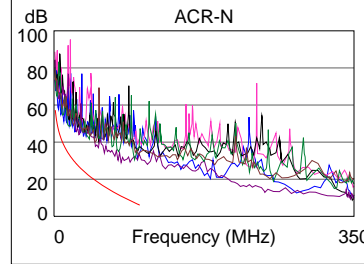
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	12-36
NEXT (dB)	3.3	3.9	3.3	4.7
Freq. (MHz)	78.5	74.8	78.5	97.8
Limit (dB)	31.9	32.3	31.9	30.2
Worst Pair	36	36	36	36
PS NEXT (dB)	5.7	5.9	6.9	5.9
Freq. (MHz)	74.8	74.8	97.5	98.3
Limit (dB)	29.3	29.3	27.3	27.2



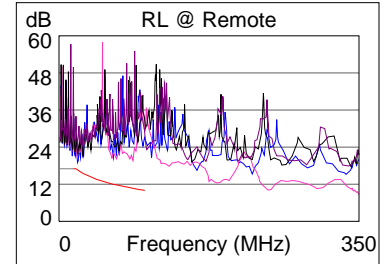
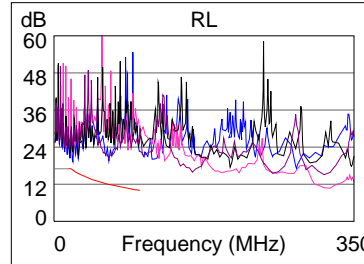
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	3.5	3.5	5.0	4.9
Freq. (MHz)	2.1	1.9	98.0	98.5
Limit (dB)	50.9	51.9	17.6	17.5
Worst Pair	36	36	45	45
PS ACR-F (dB)	6.2	6.3	7.7	7.8
Freq. (MHz)	2.1	1.8	98.0	98.5
Limit (dB)	47.9	49.5	14.6	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-36	12-36	36-45	12-36
ACR-N (dB)	10.2	10.3	18.0	21.1
Freq. (MHz)	5.0	1.6	78.5	97.8
Limit (dB)	47.0	56.9	10.8	6.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	11.7	11.2	23.3	22.4
Freq. (MHz)	1.6	1.8	97.5	98.3
Limit (dB)	53.9	53.4	3.6	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	12
RL (dB)	2.5	2.1	2.5	2.1
Freq. (MHz)	21.9	21.9	21.9	21.9
Limit (dB)	16.6	16.6	16.6	16.6



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



Cable ID: D1-10

Test Summary: PASS

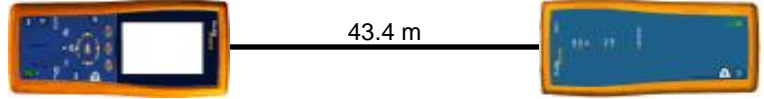
Date / Time: 08/24/2009 11:17:56am
Headroom: 5.3 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

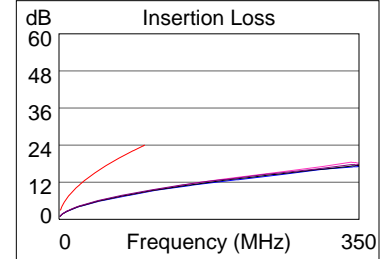
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

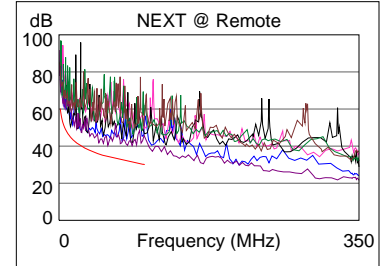
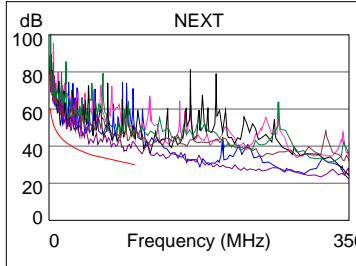
PASS



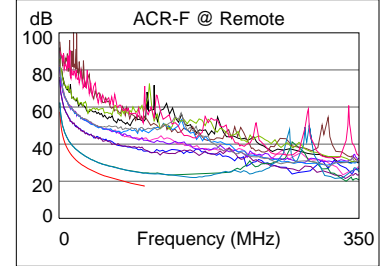
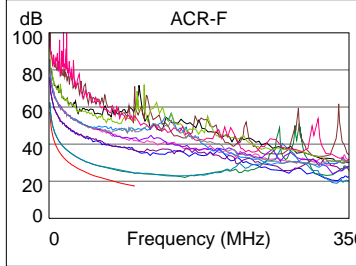
Length (m), Limit 100.0	[Pair 12]	43.4
Prop. Delay (ns), Limit 555		215
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	7.9
Insertion Loss Margin (dB)	[Pair 78]	14.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



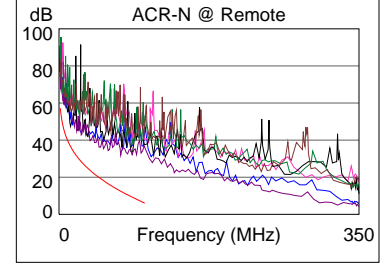
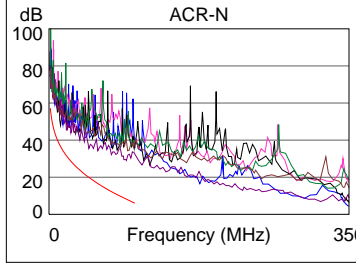
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.4	5.3	5.9	6.7
Freq. (MHz)	49.3	49.0	87.8	72.3
Limit (dB)	35.4	35.4	31.1	32.5
Worst Pair	36	12	45	36
PS NEXT (dB)	7.6	7.1	8.2	10.3
Freq. (MHz)	49.3	13.3	87.8	85.0
Limit (dB)	32.4	42.0	28.1	28.3



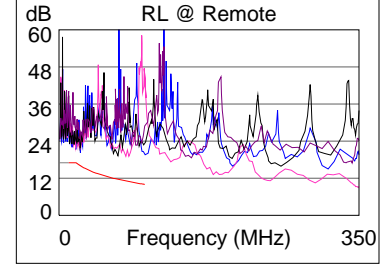
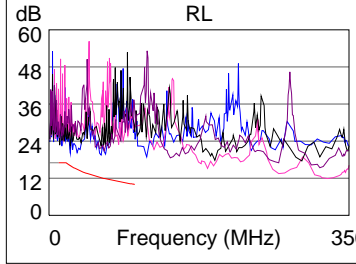
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	4.8	4.8	6.7	6.6
Freq. (MHz)	1.6	1.0	99.0	99.0
Limit (dB)	53.2	57.4	17.5	17.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	7.6	7.5	9.6	9.5
Freq. (MHz)	1.0	1.8	99.3	100.0
Limit (dB)	54.4	49.5	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	11.4	10.7	20.1	20.4
Freq. (MHz)	13.3	13.1	87.8	77.5
Limit (dB)	36.8	36.9	8.7	11.1
Worst Pair	78	12	45	36
PS ACR-N (dB)	13.3	12.3	22.4	24.2
Freq. (MHz)	13.3	13.1	87.8	85.0
Limit (dB)	33.8	33.9	5.7	6.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	36
RL (dB)	4.0	4.0	7.1	7.8
Freq. (MHz)	24.8	24.8	61.0	78.3
Limit (dB)	16.1	16.1	12.2	11.1



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



Cable ID: D1-09

Test Summary: PASS

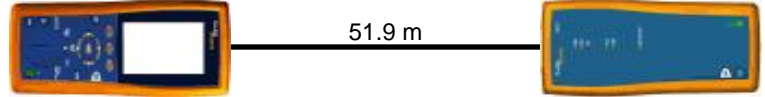
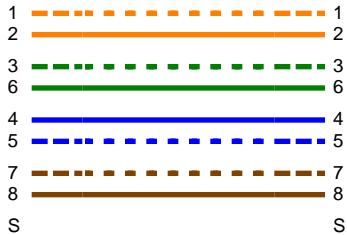
Date / Time: 08/24/2009 11:02:38am
Headroom: 4.0 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

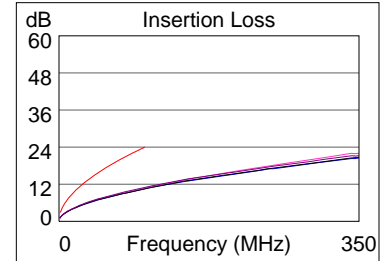
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

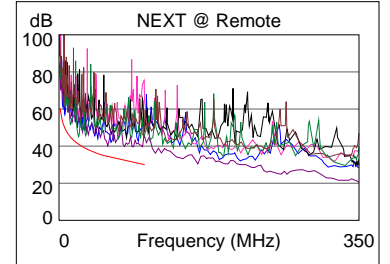
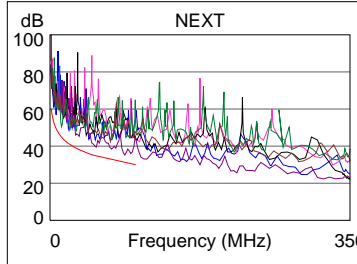
PASS



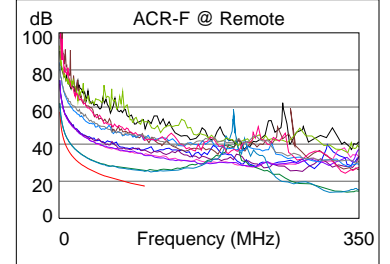
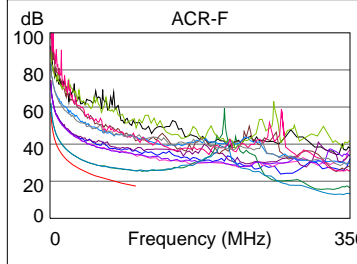
Length (m), Limit 100.0	[Pair 12]	51.9
Prop. Delay (ns), Limit 555		259
Delay Skew (ns), Limit 50		8
Resistance (ohms)	[Pair 12]	9.2
Insertion Loss Margin (dB)	[Pair 78]	13.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



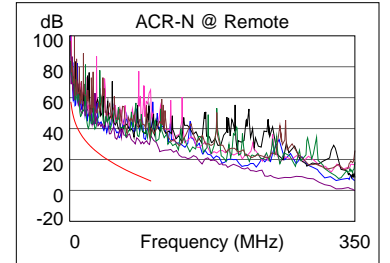
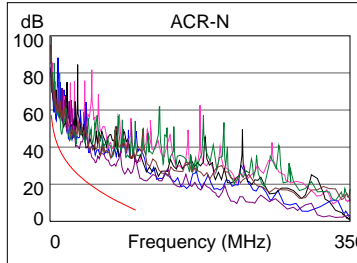
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-78	36-45	36-45
NEXT (dB)	4.0	4.2	4.0	7.3
Freq. (MHz)	87.0	22.9	87.0	80.8
Limit (dB)	31.1	41.0	31.1	31.7
Worst Pair	36	36	36	36
PS NEXT (dB)	5.7	6.3	7.3	10.1
Freq. (MHz)	53.0	23.0	93.8	91.5
Limit (dB)	31.8	38.0	27.6	27.7



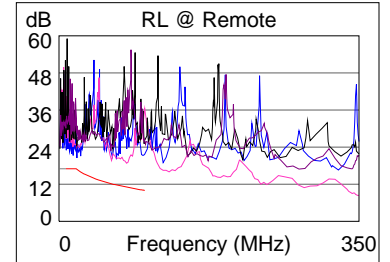
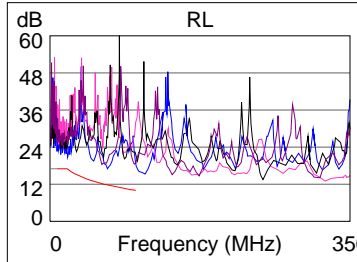
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	4.4	4.4	8.1	7.8
Freq. (MHz)	1.0	1.0	99.5	99.0
Limit (dB)	57.4	57.4	17.4	17.5
Worst Pair	45	36	45	45
PS ACR-F (dB)	7.1	7.1	10.4	10.5
Freq. (MHz)	1.6	1.1	99.5	99.0
Limit (dB)	50.2	53.4	14.4	14.5



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	12-36	36-45	36-45
ACR-N (dB)	10.1	10.0	16.5	22.7
Freq. (MHz)	13.4	4.3	87.0	97.5
Limit (dB)	36.6	48.5	8.9	6.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	11.6	11.8	20.2	22.7
Freq. (MHz)	4.4	4.6	93.8	91.5
Limit (dB)	45.2	44.7	4.4	4.9



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	12	36
RL (dB)	3.3	3.7	5.3	7.8
Freq. (MHz)	20.9	20.9	67.0	78.8
Limit (dB)	16.8	16.8	11.7	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: D1-08

Test Summary: PASS

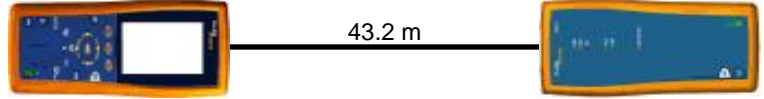
Date / Time: 08/24/2009 11:19:42am
Headroom: 4.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

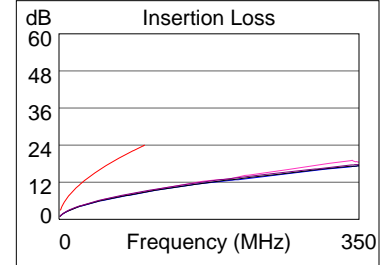
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

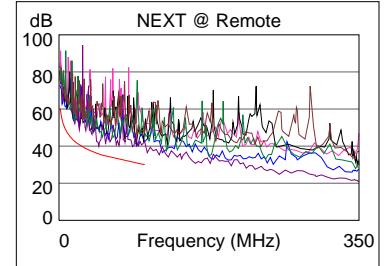
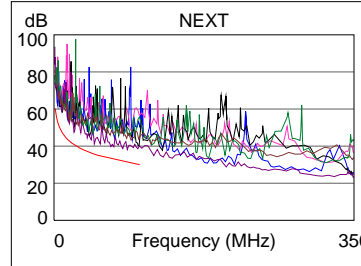
PASS



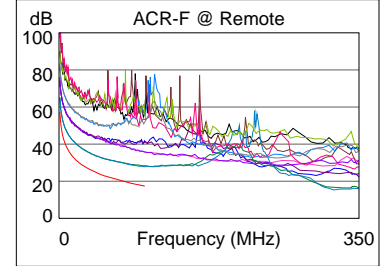
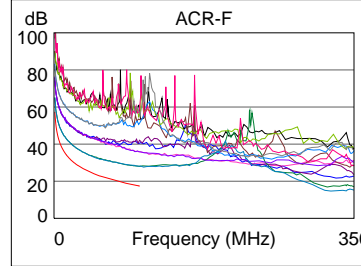
Length (m), Limit 100.0	[Pair 12]	43.2
Prop. Delay (ns), Limit 555		215
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.0
Insertion Loss Margin (dB)	[Pair 78]	14.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



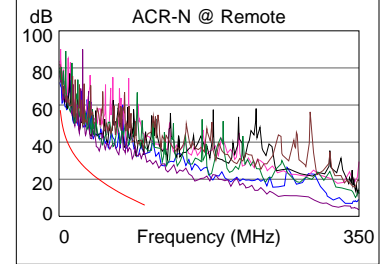
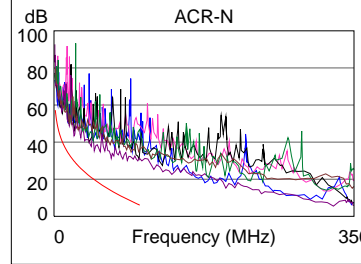
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.9	4.2	6.5	7.7
Freq. (MHz)	46.5	46.5	85.3	85.3
Limit (dB)	35.8	35.8	31.3	31.3
Worst Pair	36	36	45	36
PS NEXT (dB)	6.7	6.2	8.5	10.2
Freq. (MHz)	46.5	46.5	85.3	92.8
Limit (dB)	32.8	32.8	28.3	27.6



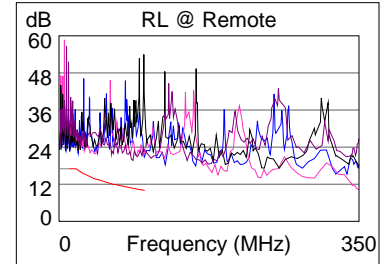
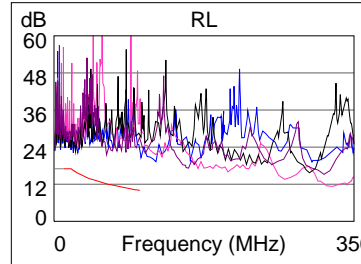
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	7.4	7.4	10.4	10.1
Freq. (MHz)	1.0	1.9	98.8	98.8
Limit (dB)	57.4	51.9	17.5	17.5
Worst Pair	45	36	45	45
PS ACR-F (dB)	9.6	10.0	12.8	12.9
Freq. (MHz)	1.0	2.0	99.8	99.5
Limit (dB)	54.4	48.4	14.4	14.4



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: D1-07

Test Summary: PASS

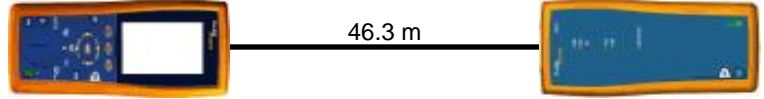
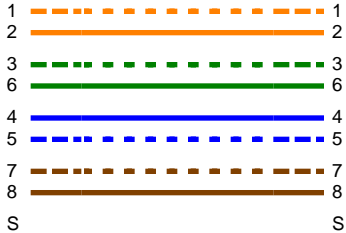
Date / Time: 08/24/2009 11:00:44am
Headroom: 4.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

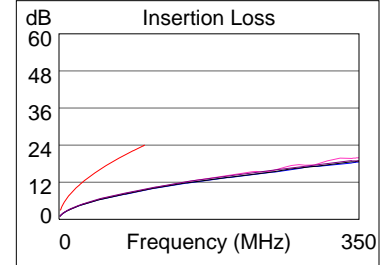
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

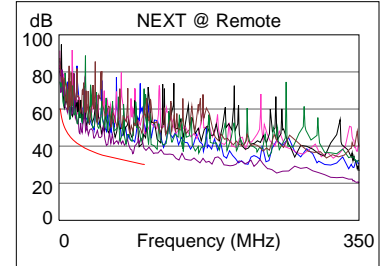
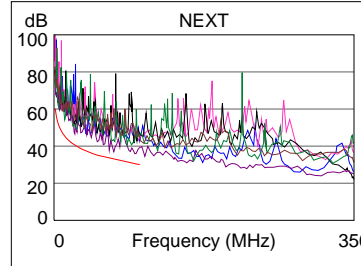
PASS



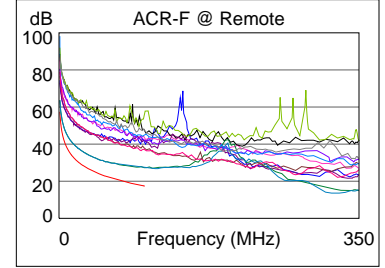
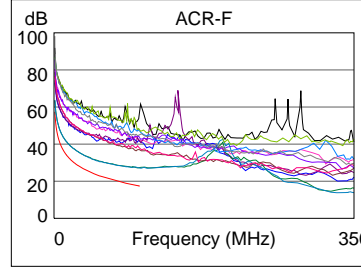
Length (m), Limit 100.0	[Pair 12]	46.3
Prop. Delay (ns), Limit 555		230
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.5
Insertion Loss Margin (dB)	[Pair 36]	14.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



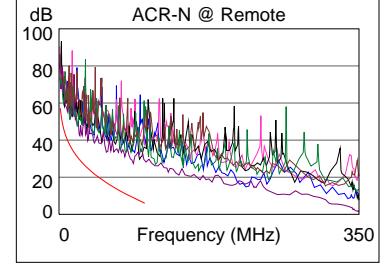
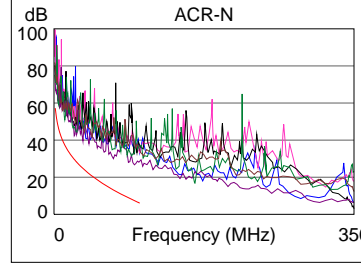
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.2	4.4	5.2	4.4
Freq. (MHz)	64.8	86.3	94.0	86.3
Limit (dB)	33.3	31.2	30.5	31.2
Worst Pair	36	36	36	36
PS NEXT (dB)	6.1	6.5	7.1	6.5
Freq. (MHz)	69.8	86.0	94.0	86.0
Limit (dB)	29.8	28.2	27.5	28.2



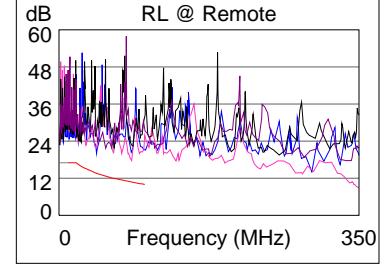
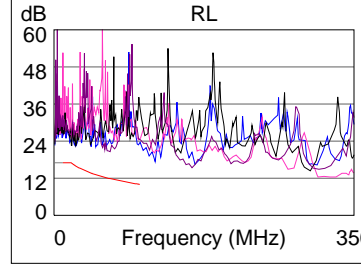
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.1	6.2	9.5	9.5
Freq. (MHz)	1.0	1.5	99.8	99.8
Limit (dB)	57.4	53.9	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.7	8.7	12.1	11.9
Freq. (MHz)	1.0	1.0	99.8	97.0
Limit (dB)	54.4	54.4	14.4	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	9.9	12.0	19.3	17.9
Freq. (MHz)	2.1	1.9	94.0	86.3
Limit (dB)	54.8	55.8	7.3	9.0
Worst Pair	36	36	36	36
PS ACR-N (dB)	12.1	13.2	21.0	19.8
Freq. (MHz)	1.8	1.9	94.0	86.0
Limit (dB)	53.4	52.8	4.3	6.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	12	78	36
RL (dB)	5.5	6.4	8.2	6.7
Freq. (MHz)	20.4	43.8	66.0	84.3
Limit (dB)	16.9	13.6	11.8	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: D1-06

Test Summary: PASS

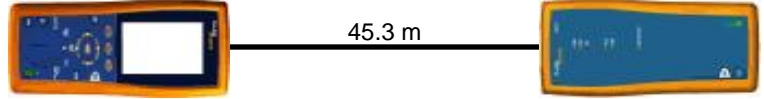
Date / Time: 08/24/2009 10:55:16am
Headroom: 3.5 dB (NEXT 12-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

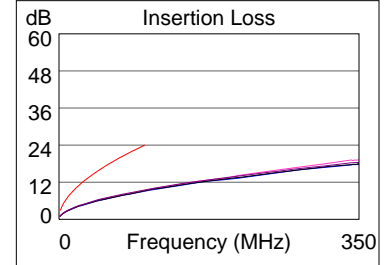
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

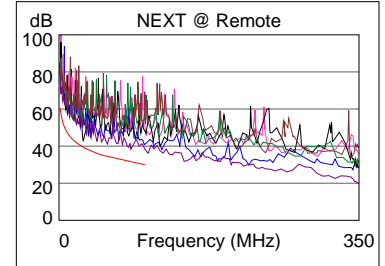
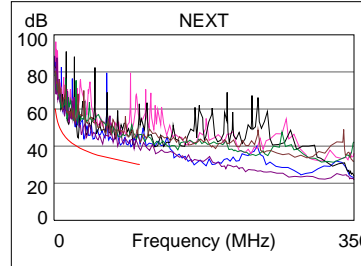
PASS



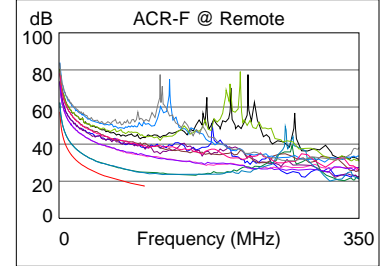
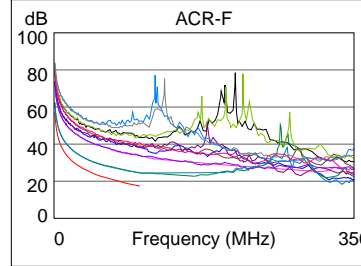
Length (m), Limit 100.0	[Pair 12]	45.3
Prop. Delay (ns), Limit 555		224
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	8.3
Insertion Loss Margin (dB)	[Pair 78]	14.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



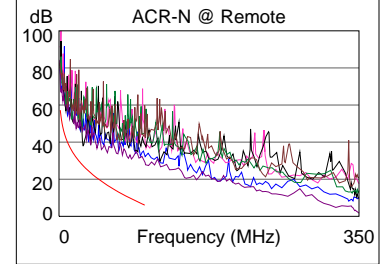
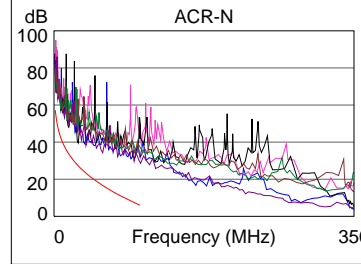
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	4.6	3.5	8.0	6.9
Freq. (MHz)	27.8	28.1	93.5	84.0
Limit (dB)	39.6	39.5	30.6	31.4
Worst Pair	12	12	36	36
PS NEXT (dB)	6.9	6.2	9.9	9.7
Freq. (MHz)	27.8	28.1	100.0	100.0
Limit (dB)	36.6	36.5	27.1	27.1



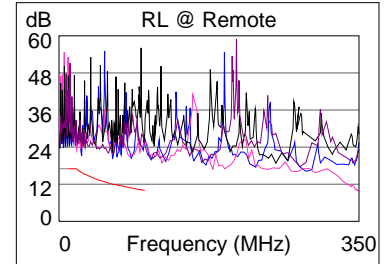
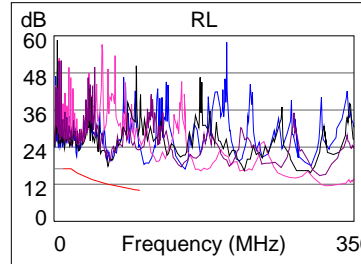
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	4.9	4.9	7.0	7.0
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	45	45
PS ACR-F (dB)	7.5	7.5	9.6	9.5
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-78	36-45	36-45
ACR-N (dB)	11.4	10.7	22.4	20.4
Freq. (MHz)	2.1	28.3	93.5	84.0
Limit (dB)	54.8	27.3	7.4	9.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.0	13.1	24.6	24.4
Freq. (MHz)	2.1	2.1	100.0	100.0
Limit (dB)	51.8	51.8	3.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	12
RL (dB)	5.0	5.0	5.8	8.3
Freq. (MHz)	26.3	26.0	63.0	62.5
Limit (dB)	15.8	15.9	12.0	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: D1-03

Test Summary: PASS

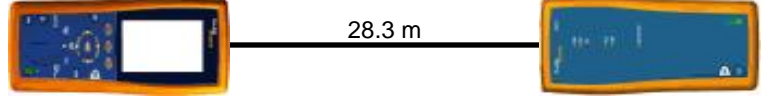
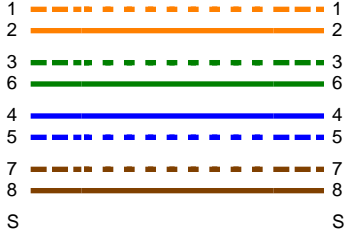
Date / Time: 08/24/2009 11:42:29am
 Headroom: 5.9 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

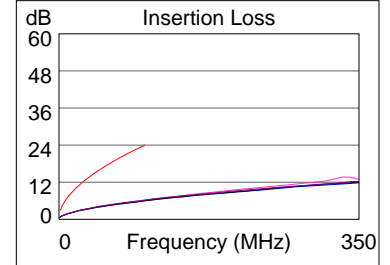
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

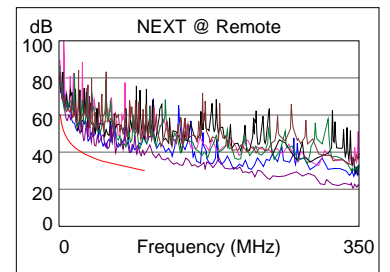
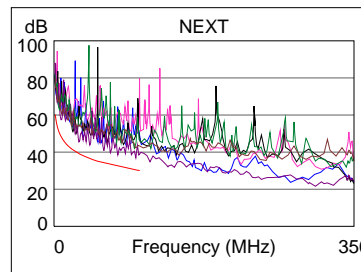
PASS



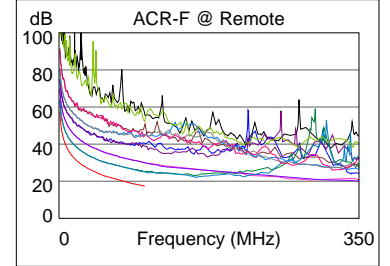
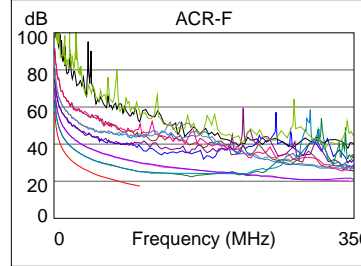
Length (m), Limit 100.0	[Pair 12]	28.3
Prop. Delay (ns), Limit 555		141
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



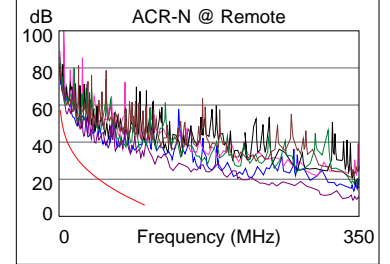
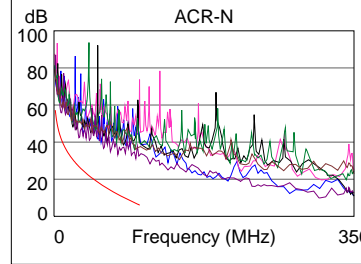
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.9	5.9	6.4	7.0
Freq. (MHz)	66.3	42.0	95.0	95.3
Limit (dB)	33.2	36.5	30.5	30.4
Worst Pair	36	36	36	36
PS NEXT (dB)	8.3	7.5	8.3	8.2
Freq. (MHz)	95.0	83.3	95.0	95.3
Limit (dB)	27.5	28.5	27.5	27.4



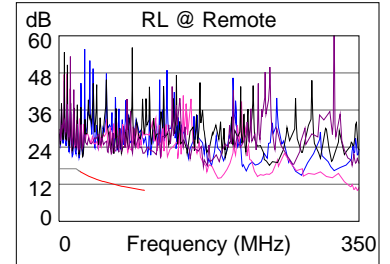
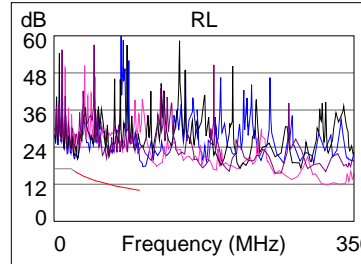
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	6.2	6.2	7.5	7.6
Freq. (MHz)	1.0	2.3	98.3	99.5
Limit (dB)	57.4	50.4	17.6	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	8.2	8.1	9.5	9.3
Freq. (MHz)	1.0	2.4	98.8	98.3
Limit (dB)	54.4	46.9	14.5	14.6



	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)	13.7	14.1	24.0	24.5
Freq. (MHz)	7.8	8.6	95.0	95.3
Limit (dB)	42.6	41.5	7.1	7.1
Worst Pair	45	45	36	36
PS ACR-N (dB)	15.0	15.4	25.7	25.5
Freq. (MHz)	8.0	8.6	95.0	95.3
Limit (dB)	39.3	38.5	4.1	4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	45	12	45
RL (dB)	4.5	5.3	9.7	5.3
Freq. (MHz)	27.3	27.6	100.0	27.6
Limit (dB)	15.7	15.6	10.0	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: D1-02

Test Summary: PASS

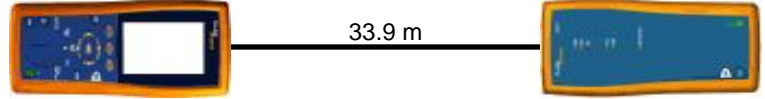
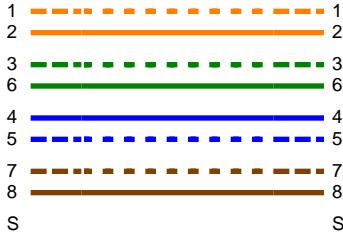
Date / Time: 08/24/2009 10:52:23am
Headroom: 4.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

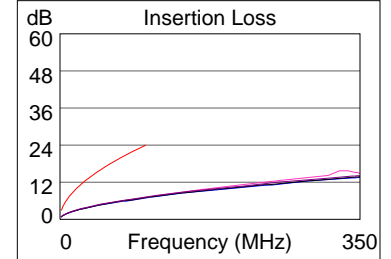
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

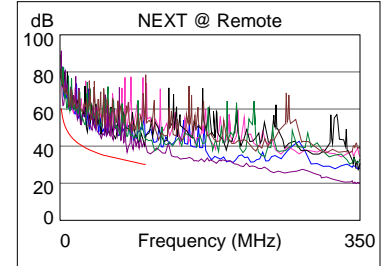
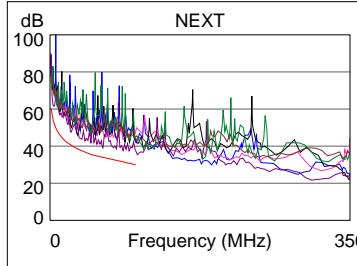
PASS



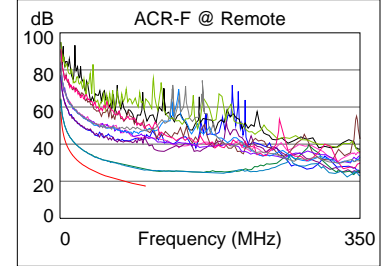
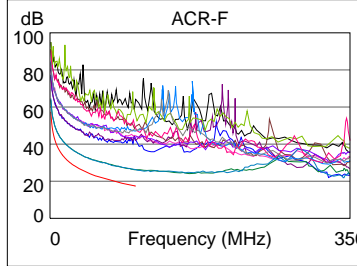
Length (m), Limit 100.0	[Pair 12]	33.9
Prop. Delay (ns), Limit 555		168
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.3
Insertion Loss Margin (dB)	[Pair 78]	16.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



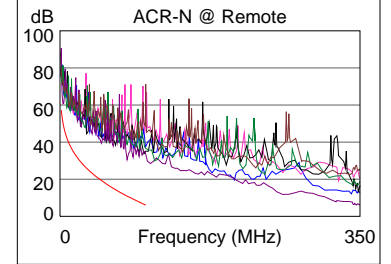
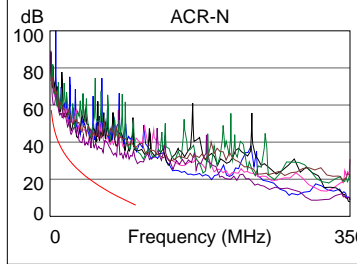
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.3	4.8	6.2	4.8
Freq. (MHz)	61.5	78.0	85.0	78.0
Limit (dB)	33.7	31.9	31.3	31.9
Worst Pair	36	36	36	36
PS NEXT (dB)	7.3	7.1	8.8	7.1
Freq. (MHz)	47.8	78.0	100.0	78.0
Limit (dB)	32.6	28.9	27.1	28.9



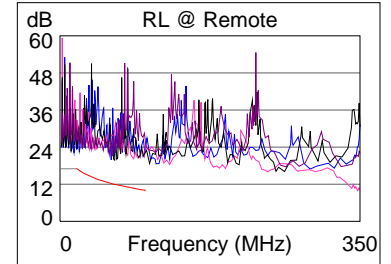
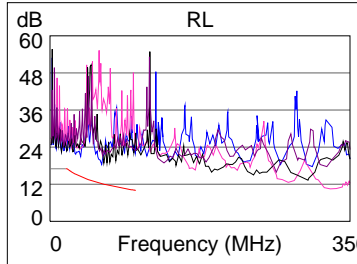
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	6.3	6.4	8.6	8.4
Freq. (MHz)	1.0	1.0	98.3	98.3
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	9.2	9.1	11.5	11.5
Freq. (MHz)	1.0	1.0	98.3	98.3
Limit (dB)	54.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	10.3	10.2	23.1	19.6
Freq. (MHz)	3.3	3.4	92.0	78.0
Limit (dB)	51.0	50.7	7.8	11.0
Worst Pair	45	36	36	36
PS ACR-N (dB)	12.5	12.7	25.7	21.9
Freq. (MHz)	3.8	3.8	100.0	78.0
Limit (dB)	46.7	46.7	3.1	8.0



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	12	45
RL (dB)	5.5	6.0	5.9	6.9
Freq. (MHz)	19.9	22.6	59.8	63.3
Limit (dB)	17.0	16.5	12.2	12.0



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



Cable ID: D1-01

Test Summary: PASS

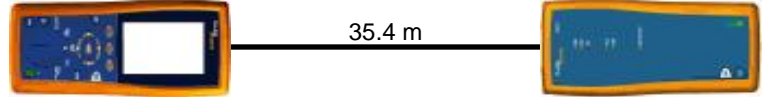
Date / Time: 08/24/2009 10:53:55am
Headroom: 4.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

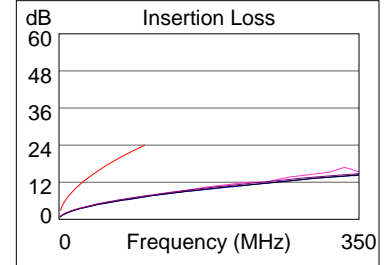
Model: DTX-1800
 Main S/N: 9859001
 Remote S/N: 9859002
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

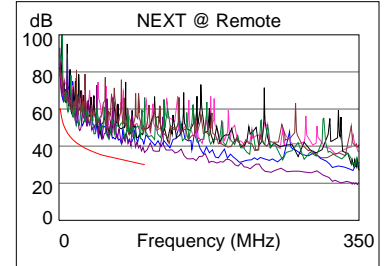
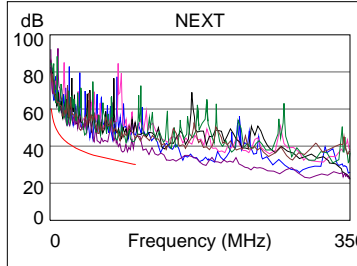
PASS



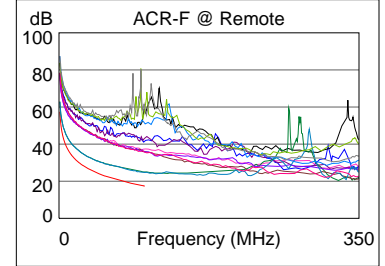
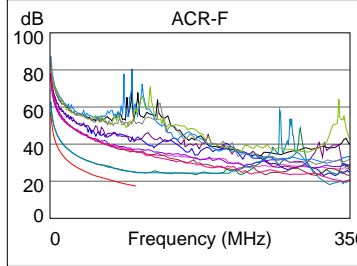
Length (m), Limit 100.0	[Pair 12]	35.4
Prop. Delay (ns), Limit 555		176
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.5
Insertion Loss Margin (dB)	[Pair 36]	16.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



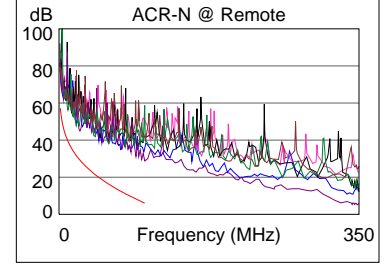
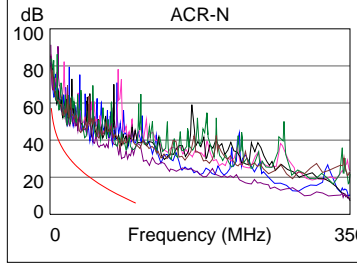
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	4.5	6.0	4.5	6.0
Freq. (MHz)	84.0	97.0	84.0	100.0
Limit (dB)	31.4	30.3	31.4	30.1
Worst Pair	36	36	36	36
PS NEXT (dB)	6.9	8.2	6.9	8.2
Freq. (MHz)	84.3	100.0	84.3	100.0
Limit (dB)	28.4	27.1	28.4	27.1



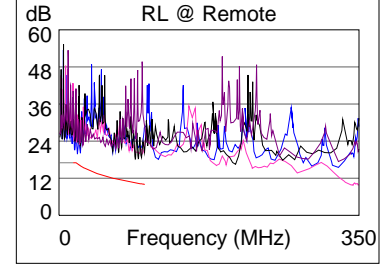
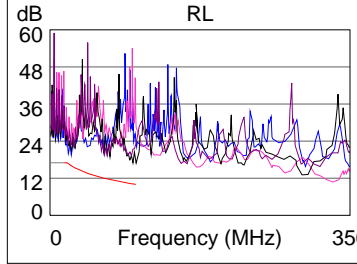
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	5.3	5.3	7.2	7.2
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	36	36
PS ACR-F (dB)	8.1	8.1	9.8	10.0
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	14.6	14.0	19.7	22.7
Freq. (MHz)	2.5	2.5	84.0	100.0
Limit (dB)	53.4	53.4	9.6	6.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	14.9	15.8	22.1	24.7
Freq. (MHz)	19.9	2.8	84.3	100.0
Limit (dB)	28.9	49.5	6.5	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12	12	45	45
RL (dB)	3.2	3.1	6.9	7.7
Freq. (MHz)	21.5	21.5	100.0	89.0
Limit (dB)	16.7	16.7	10.0	10.5



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