



### Cable ID: D2-42

### Test Summary: PASS

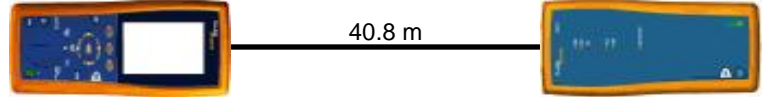
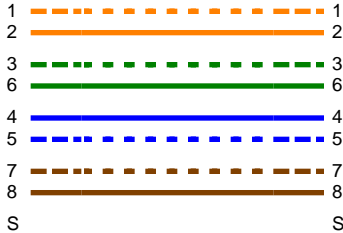
Date / Time: 08/25/2009 03:07:13pm  
**Headroom: 4.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

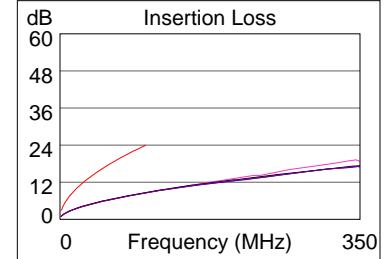
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

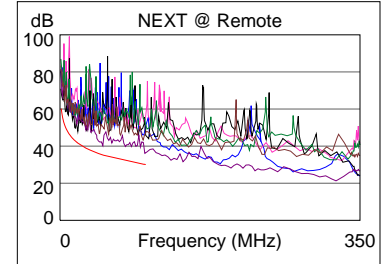
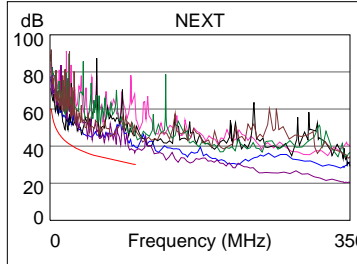
**PASS**



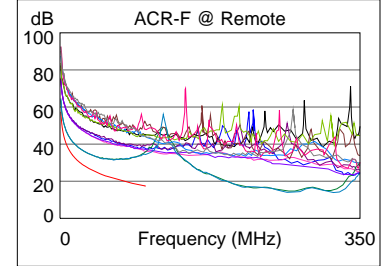
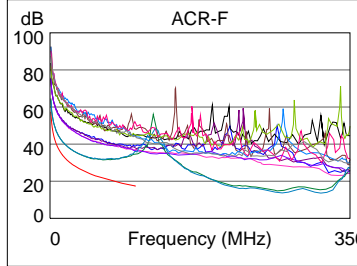
Length (m), Limit 100.0	[Pair 78]	40.8
Prop. Delay (ns), Limit 555		202
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



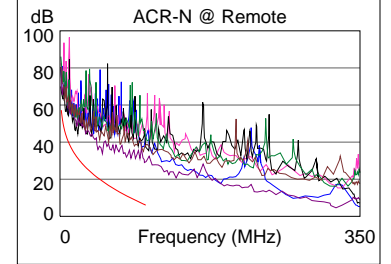
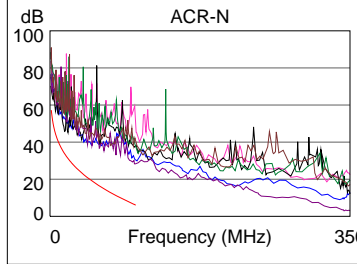
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.7	4.4	5.9	5.8
Freq. (MHz)	17.3	49.3	99.0	99.3
Limit (dB)	43.0	35.4	30.2	30.1
Worst Pair	36	45	36	36
<b>PS NEXT (dB)</b>	7.0	6.7	7.0	8.3
Freq. (MHz)	99.0	49.3	99.0	99.3
Limit (dB)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



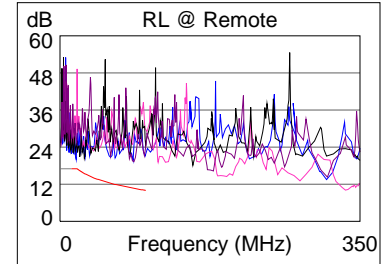
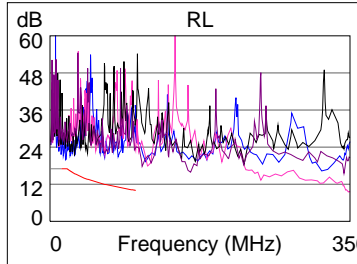
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.2	6.2	9.8	9.9
Freq. (MHz)	1.0	1.0	62.0	62.5
Limit (dB)	57.4	57.4	21.6	21.5
Worst Pair	36	45	45	36
<b>PS ACR-F (dB)</b>	8.9	8.9	12.1	12.3
Freq. (MHz)	1.0	1.0	62.0	62.0
Limit (dB)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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	11.3	10.1	21.2	21.1
Freq. (MHz)	1.9	1.8	99.0	99.3
Limit (dB)	55.8	56.4	6.3	6.2
Worst Pair	12	12	36	36
<b>PS ACR-N (dB)</b>	12.9	12.1	22.3	23.6
Freq. (MHz)	1.5	1.6	99.0	99.3
Limit (dB)	54.0	53.9	3.3	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	78
<b>RL (dB)</b>	2.5	2.7	2.5	8.2
Freq. (MHz)	18.5	18.5	18.5	86.8
Limit (dB)	17.0	17.0	17.0	10.6



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



### Cable ID: D2-31

### Test Summary: PASS

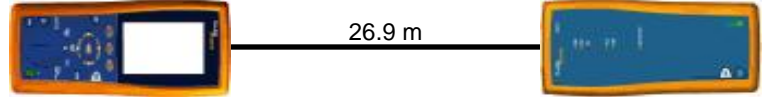
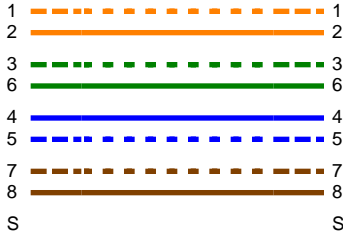
Date / Time: 08/24/2009 12:13:26pm  
**Headroom: 4.9 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

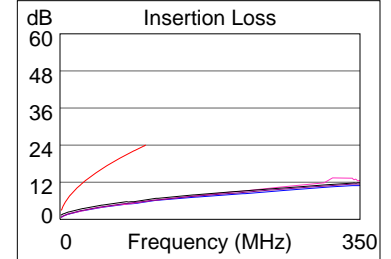
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

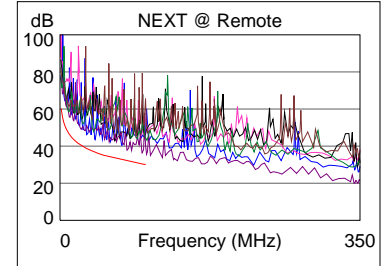
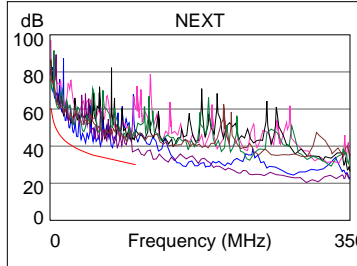
**PASS**



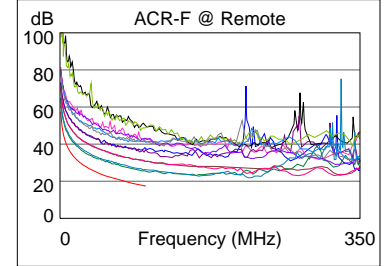
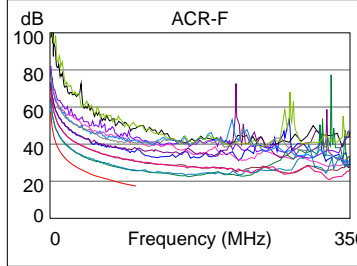
Length (m), Limit 100.0	[Pair 12]	26.9
Prop. Delay (ns), Limit 555		133
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 45]	27.6
Insertion Loss Margin (dB)	[Pair 45]	17.7
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



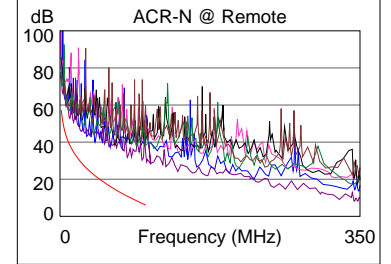
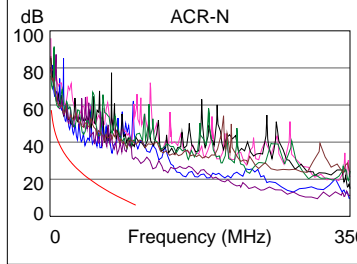
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.9	5.2	5.9	5.3
Freq. (MHz)	41.0	78.8	96.8	96.5
Limit (dB)	36.7	31.9	30.3	30.3
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	7.1	7.8	8.3	7.8
Freq. (MHz)	40.8	78.8	97.0	96.5
Limit (dB)	33.8	28.9	27.3	27.3



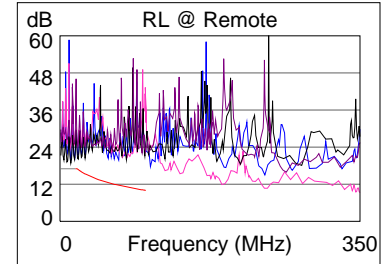
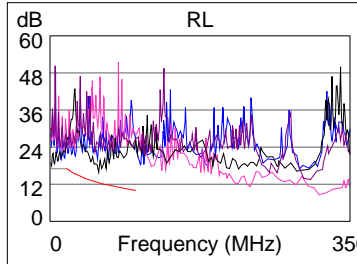
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-F (dB)</b>	6.8	6.4	7.9	7.7
Freq. (MHz)	2.6	1.8	96.8	99.8
Limit (dB)	49.0	52.5	17.7	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	8.7	8.5	9.8	9.8
Freq. (MHz)	1.3	1.9	99.3	100.0
Limit (dB)	52.5	48.9	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-78	36-45	36-45	36-45
<b>ACR-N (dB)</b>	14.2	14.1	23.3	22.6
Freq. (MHz)	1.8	11.1	96.8	96.5
Limit (dB)	56.4	38.7	6.7	6.8
Worst Pair	36	36	45	45
<b>PS ACR-N (dB)</b>	15.2	14.6	25.7	25.4
Freq. (MHz)	1.8	1.8	97.0	96.5
Limit (dB)	53.4	53.4	3.7	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	45	45	12
<b>RL (dB)</b>	3.3	3.0	3.3	7.3
Freq. (MHz)	56.5	20.9	56.5	67.8
Limit (dB)	12.5	16.8	12.5	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: D2-30

### Test Summary: PASS

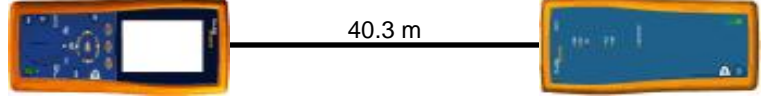
Date / Time: 08/21/2009 11:13:15am  
**Headroom: 4.8 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

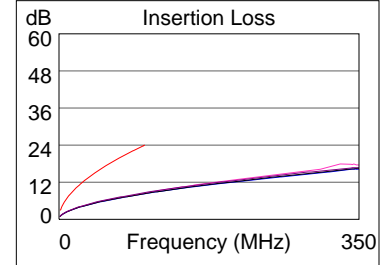
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

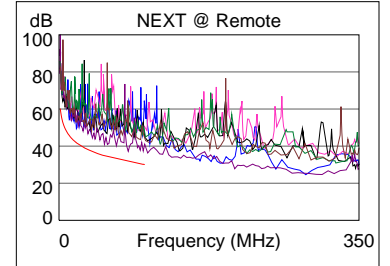
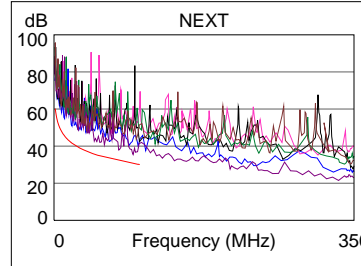
**PASS**



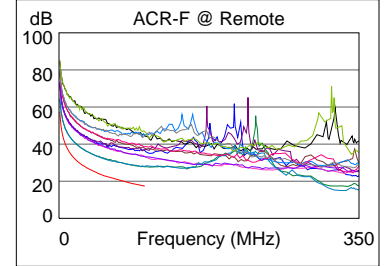
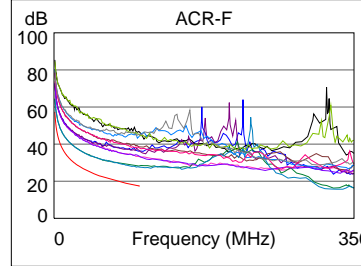
Length (m), Limit 100.0	[Pair 12]	40.3
Prop. Delay (ns), Limit 555		200
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 78]	15.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



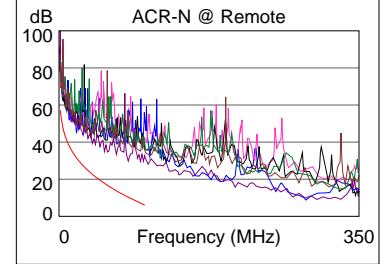
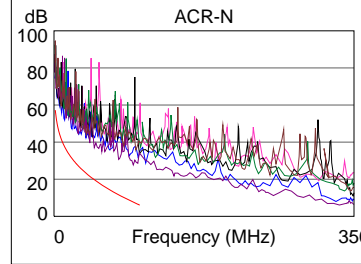
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.8	5.3	4.8	5.3
Freq. (MHz)	92.0	81.0	92.0	81.0
Limit (dB)	30.7	31.7	30.7	31.7
Worst Pair	36	45	36	36
<b>PS NEXT (dB)</b>	7.2	8.0	7.2	9.2
Freq. (MHz)	92.0	81.0	92.0	98.0
Limit (dB)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



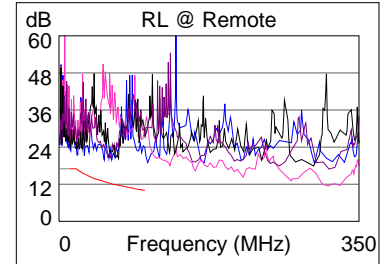
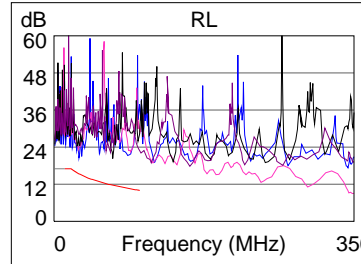
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	6.7	6.7	9.7	9.9
Freq. (MHz)	1.0	1.0	96.8	96.3
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	8.9	9.1	11.9	11.8
Freq. (MHz)	1.0	1.0	96.8	96.8
Limit (dB)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



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



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



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



### Cable ID: D2-24

### Test Summary: PASS

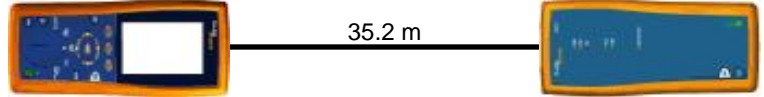
Date / Time: 08/20/2009 03:08:30pm  
**Headroom: 4.5 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

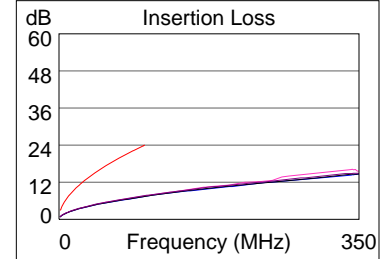
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

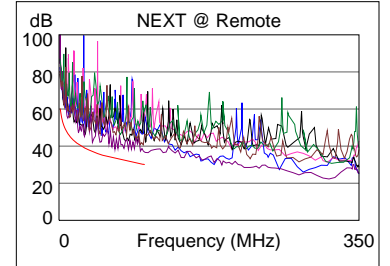
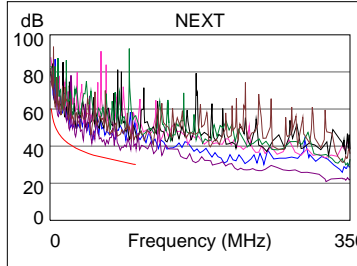
**PASS**



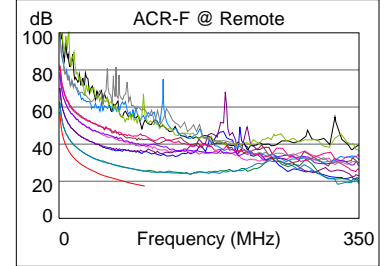
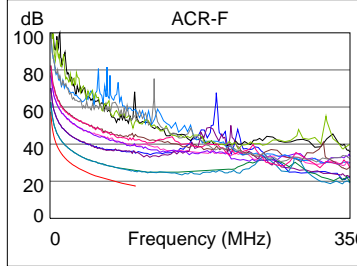
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.6
Insertion Loss Margin (dB)	[Pair 36]	16.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



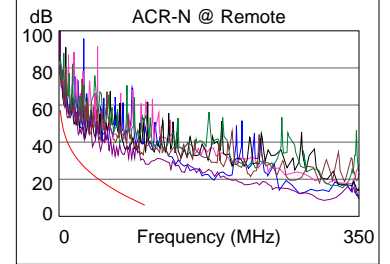
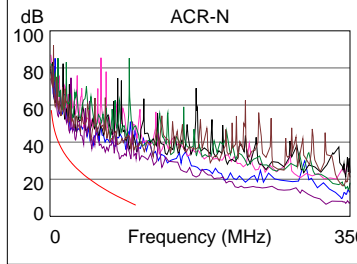
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.6	4.5	5.6	6.6
Freq. (MHz)	81.3	39.5	81.3	98.0
Limit (dB)	31.6	37.0	31.6	30.2
Worst Pair	36	45	45	45
<b>PS NEXT (dB)</b>	7.9	7.1	8.1	8.0
Freq. (MHz)	48.8	39.3	81.3	98.0
Limit (dB)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



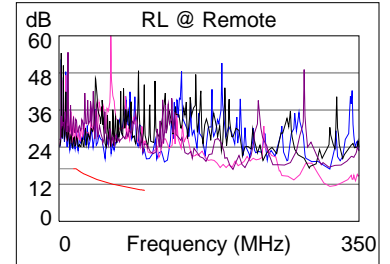
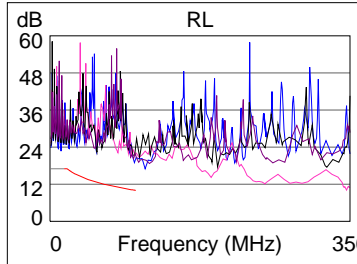
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	5.2	5.2	7.7	7.9
Freq. (MHz)	1.0	1.0	98.5	98.8
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	7.5	7.6	10.2	10.5
Freq. (MHz)	1.0	1.0	98.5	99.3
Limit (dB)	54.4	54.4	14.5	14.5



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	13.3	13.0	20.4	23.0
Freq. (MHz)	9.1	9.8	81.3	98.0
Limit (dB)	40.9	40.2	10.2	6.5
Worst Pair	45	45	45	45
<b>PS ACR-N (dB)</b>	14.6	14.3	25.5	24.4
Freq. (MHz)	9.4	9.6	94.5	98.0
Limit (dB)	37.6	37.3	4.2	3.5



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	6.3	6.2	8.9	7.5
Freq. (MHz)	22.0	22.0	98.3	53.5
Limit (dB)	16.6	16.6	10.1	12.7



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



### Cable ID: D2-23

### Test Summary: PASS

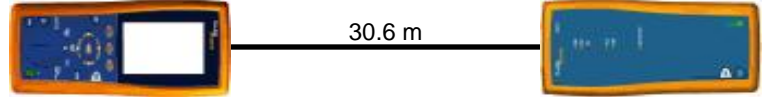
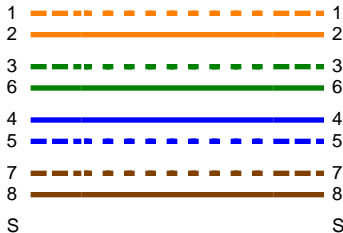
Date / Time: 08/20/2009 02:44:14pm  
**Headroom: 5.7 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

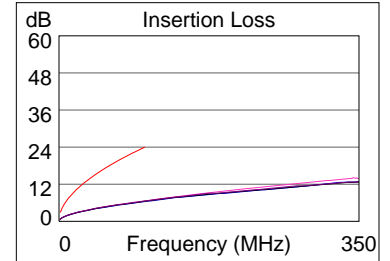
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

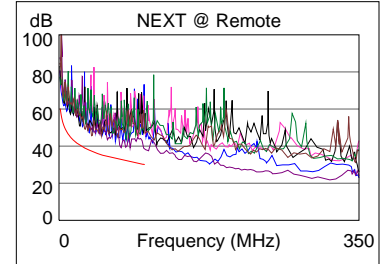
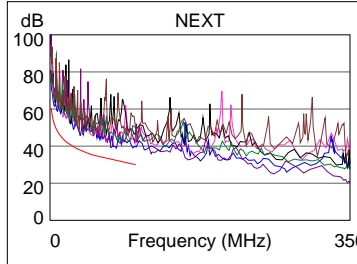
**PASS**



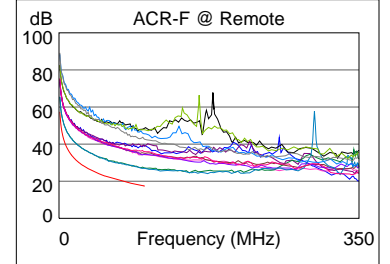
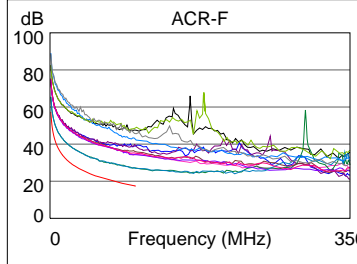
Length (m), Limit 100.0	[Pair 12]	30.6
Prop. Delay (ns), Limit 555		151
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



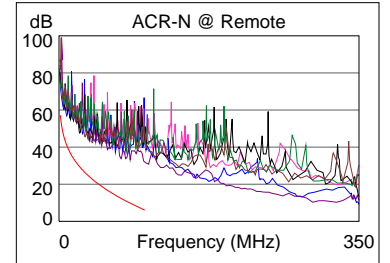
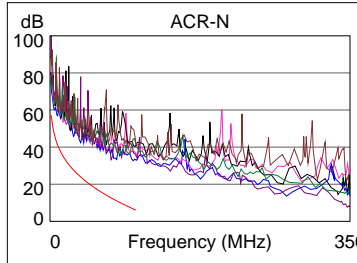
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.7	6.3	5.7	6.8
Freq. (MHz)	71.8	71.8	71.8	78.5
Limit (dB)	32.6	32.6	32.6	31.9
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.3	7.8	7.3	7.8
Freq. (MHz)	71.5	78.3	71.5	78.3
Limit (dB)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



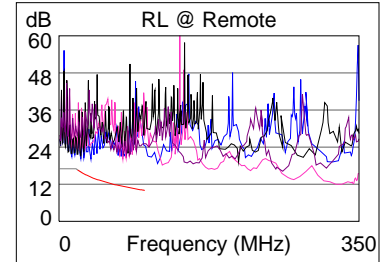
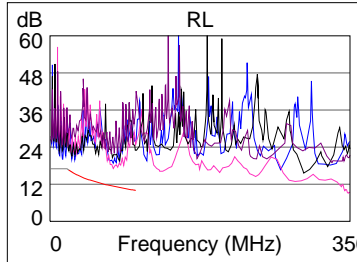
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	7.9	8.0	9.5	9.3
Freq. (MHz)	2.1	1.1	99.5	99.0
Limit (dB)	50.9	56.4	17.4	17.5
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	10.0	10.0	11.7	11.7
Freq. (MHz)	1.3	1.1	99.5	99.5
Limit (dB)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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	12-36	36-45
<b>ACR-N (dB)</b>	12.7	14.1	25.7	26.1
Freq. (MHz)	4.4	5.0	96.3	98.5
Limit (dB)	48.2	47.0	6.8	6.4
Worst Pair	12	12	36	36
<b>PS ACR-N (dB)</b>	13.5	14.4	27.4	23.1
Freq. (MHz)	4.6	5.4	98.3	78.3
Limit (dB)	44.7	43.3	3.4	7.9



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



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



### Cable ID: D2-21

### Test Summary: PASS

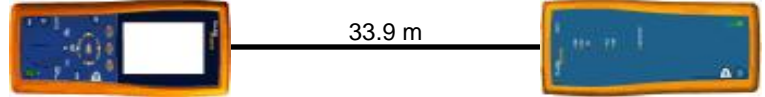
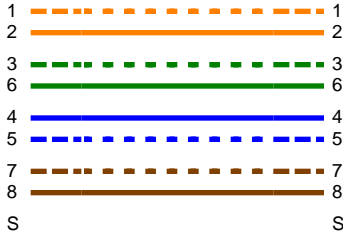
Date / Time: 08/24/2009 02:37:25pm  
**Headroom: 5.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

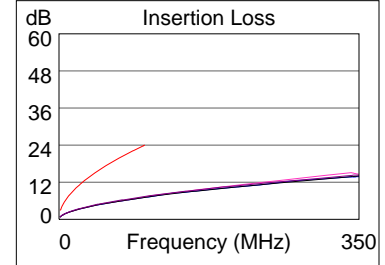
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

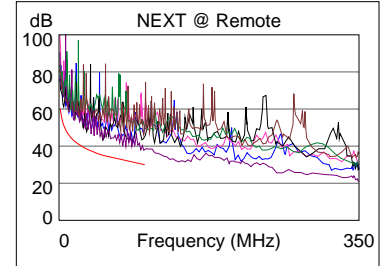
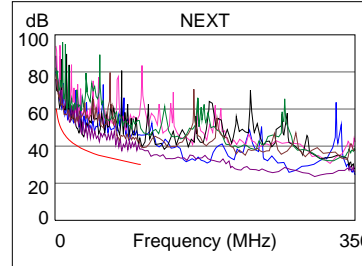
**PASS**



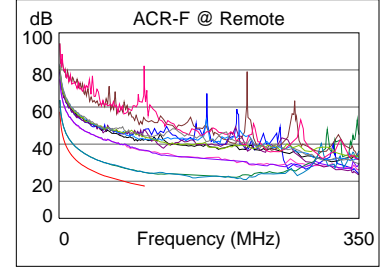
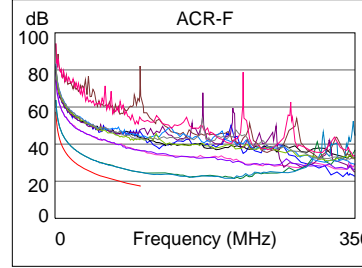
Length (m), Limit 100.0	[Pair 12]	33.9
Prop. Delay (ns), Limit 555		167
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 78]	6.3
Insertion Loss Margin (dB)	[Pair 78]	16.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



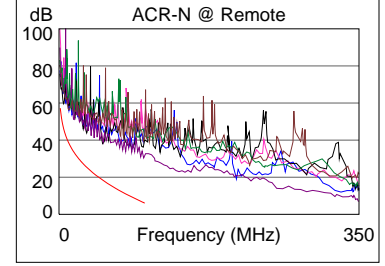
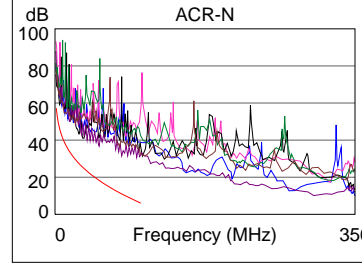
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.6	7.2	5.6	7.2
Freq. (MHz)	78.0	95.0	78.0	98.5
Limit (dB)	31.9	30.5	31.9	30.2
Worst Pair	12	45	45	45
<b>PS NEXT (dB)</b>	8.0	9.5	9.0	9.5
Freq. (MHz)	32.3	98.5	98.8	98.5
Limit (dB)	35.5	27.2	27.2	27.2



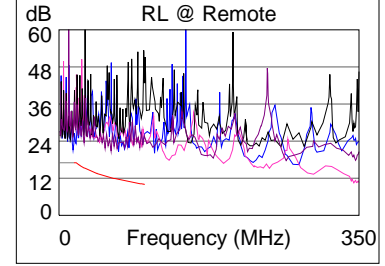
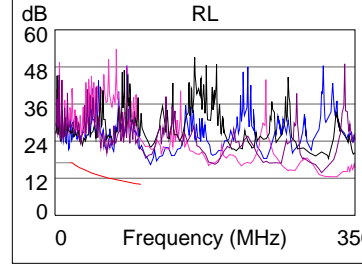
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	6.0	6.1	7.1	7.2
Freq. (MHz)	1.1	1.1	99.0	99.0
Limit (dB)	56.4	56.4	17.5	17.5
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	8.7	8.8	9.9	9.8
Freq. (MHz)	2.1	1.1	98.3	99.0
Limit (dB)	47.9	53.4	14.6	14.5



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	12.9	13.1	23.6	24.0
Freq. (MHz)	1.8	5.0	95.0	98.5
Limit (dB)	56.4	47.0	7.1	6.4
Worst Pair	78	12	45	36
<b>PS ACR-N (dB)</b>	14.0	14.6	25.9	26.3
Freq. (MHz)	1.8	4.6	98.8	98.5
Limit (dB)	53.4	44.7	3.3	3.4



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	78	12
<b>RL (dB)</b>	7.1	5.9	8.0	8.7
Freq. (MHz)	19.8	19.5	60.3	69.0
Limit (dB)	17.0	17.0	12.2	11.6



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



**Cable ID: D2-20**

**Test Summary: PASS**

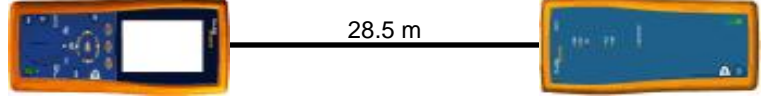
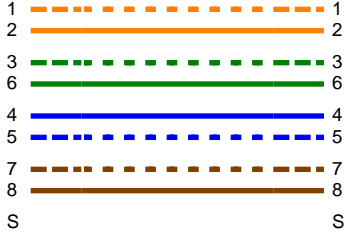
Date / Time: 08/24/2009 04:17:58pm  
 Headroom: 3.7 dB (NEXT 36-45)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

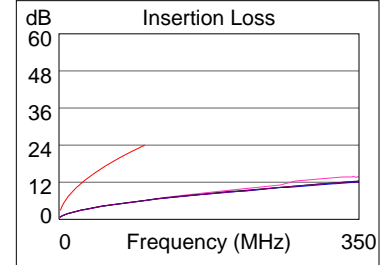
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

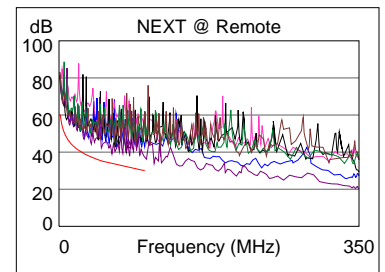
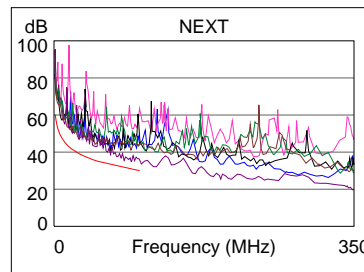
**PASS**



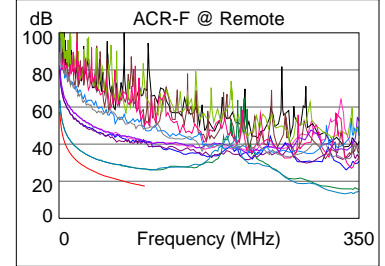
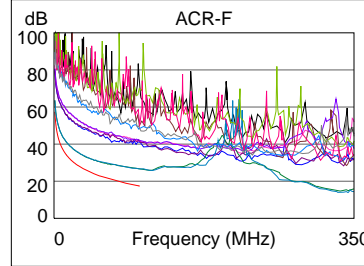
Length (m), Limit 100.0	[Pair 78]	28.5
Prop. Delay (ns), Limit 555		141
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 78]	6.1
Insertion Loss Margin (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



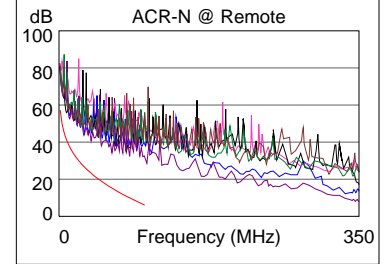
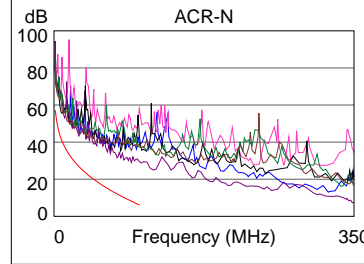
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.7	5.4	4.1	6.5
Freq. (MHz)	82.0	61.8	90.3	98.5
Limit (dB)	31.6	33.7	30.8	30.2
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	6.1	7.9	6.1	8.6
Freq. (MHz)	90.0	29.4	90.0	98.5
Limit (dB)	27.9	36.2	27.9	27.2



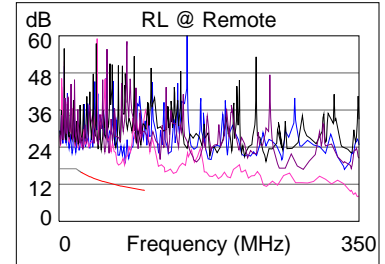
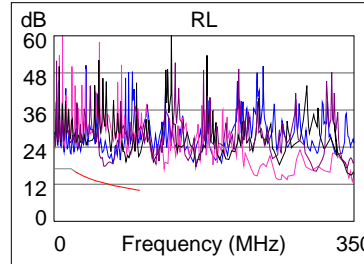
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.1	6.1	8.9	9.0
Freq. (MHz)	1.0	2.3	97.5	98.8
Limit (dB)	57.4	50.4	17.6	17.5
Worst Pair	36	36	45	36
<b>PS ACR-F (dB)</b>	9.0	9.0	11.8	11.7
Freq. (MHz)	2.3	1.0	97.5	96.3
Limit (dB)	47.4	54.4	14.6	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	14.2	14.5	21.0	24.2
Freq. (MHz)	8.3	8.4	90.3	98.5
Limit (dB)	41.9	41.8	8.1	6.4
Worst Pair	78	36	45	36
<b>PS ACR-N (dB)</b>	15.1	15.0	23.0	26.4
Freq. (MHz)	3.3	12.1	90.0	98.5
Limit (dB)	48.0	34.8	5.2	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	36	78	36
<b>RL (dB)</b>	5.3	6.3	5.3	6.3
Freq. (MHz)	58.8	68.5	58.8	68.5
Limit (dB)	12.3	11.7	12.3	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: D2-19

### Test Summary: PASS

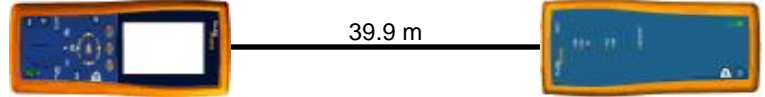
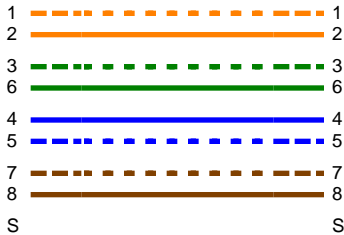
Date / Time: 08/20/2009 03:02:51pm  
**Headroom: 3.3 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

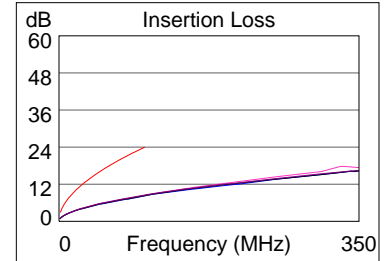
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

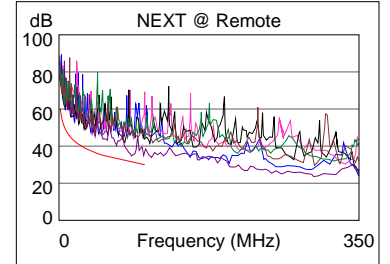
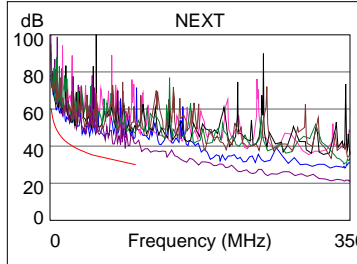
**PASS**



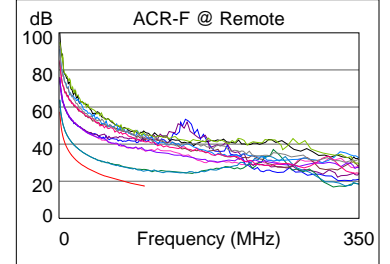
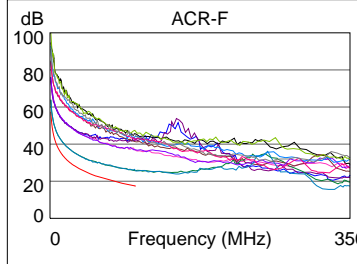
Length (m), Limit 100.0	[Pair 12]	39.9
Prop. Delay (ns), Limit 555		198
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



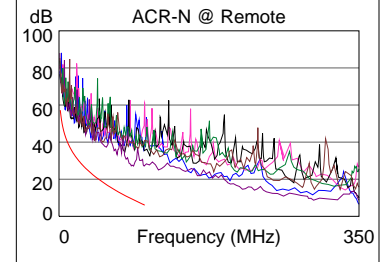
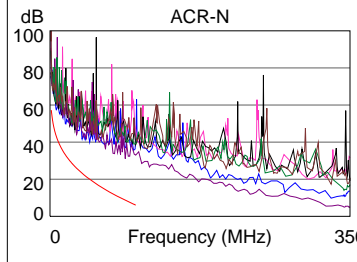
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	7.7	3.3	7.7	3.4
Freq. (MHz)	87.8	84.3	87.8	87.5
Limit (dB)	31.1	31.4	31.1	31.1
Worst Pair	36	45	36	45
<b>PS NEXT (dB)</b>	9.4	5.8	9.4	5.8
Freq. (MHz)	87.8	87.3	87.8	87.3
Limit (dB)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



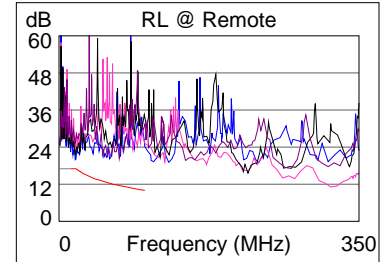
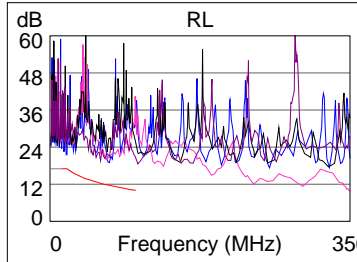
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.1	6.1	8.0	7.8
Freq. (MHz)	1.4	3.8	98.0	98.3
Limit (dB)	54.6	45.9	17.6	17.6
Worst Pair	36	45	45	45
<b>PS ACR-F (dB)</b>	8.9	8.8	10.7	10.8
Freq. (MHz)	1.3	3.8	98.0	100.0
Limit (dB)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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	36-45	36-45
<b>ACR-N (dB)</b>	14.1	13.9	24.4	18.0
Freq. (MHz)	7.1	7.4	99.0	87.5
Limit (dB)	43.5	43.1	6.3	8.8
Worst Pair	12	12	36	36
<b>PS ACR-N (dB)</b>	15.1	14.6	25.8	22.6
Freq. (MHz)	6.9	6.9	99.0	98.8
Limit (dB)	40.8	40.8	3.3	3.3



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



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





### Cable ID: D2-17

### Test Summary: PASS

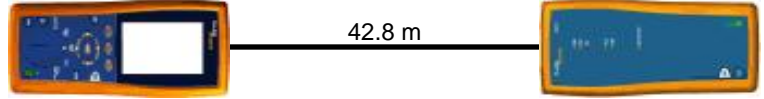
Date / Time: 08/20/2009 03:00:30pm  
**Headroom: 5.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

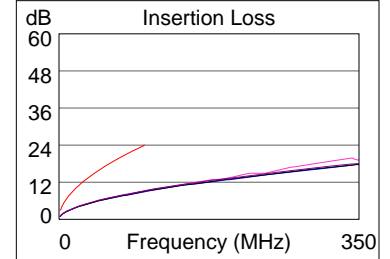
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

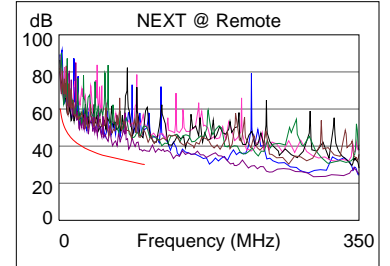
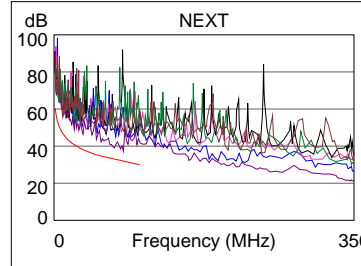
**PASS**



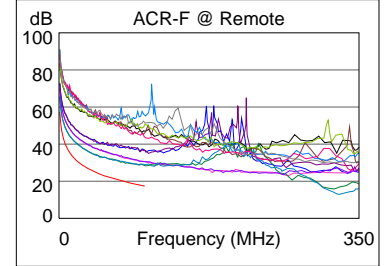
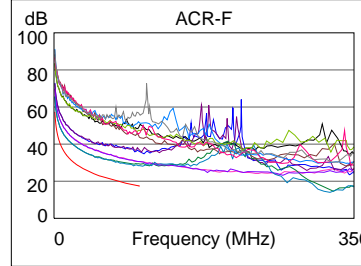
Length (m), Limit 100.0	[Pair 12]	42.8
Prop. Delay (ns), Limit 555		213
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	8.0
Insertion Loss Margin (dB)	[Pair 36]	14.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



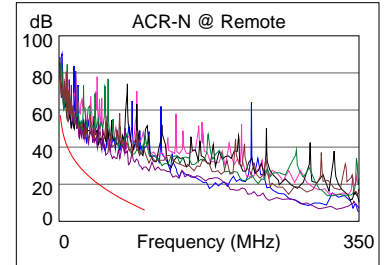
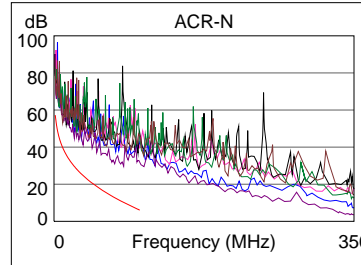
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.4	6.1	5.6	6.1
Freq. (MHz)	68.0	96.8	80.8	96.8
Limit (dB)	33.0	30.3	31.7	30.3
Worst Pair	36	36	45	45
<b>PS NEXT (dB)</b>	7.9	8.4	8.1	8.5
Freq. (MHz)	71.0	23.6	80.8	96.8
Limit (dB)	29.6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



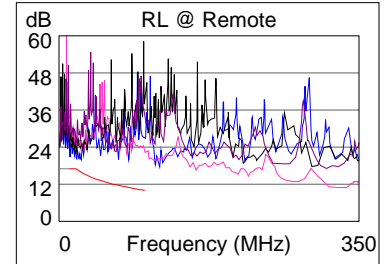
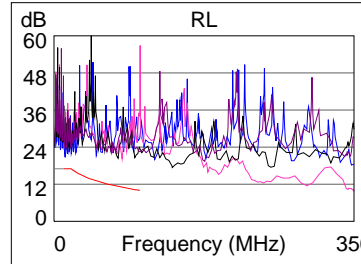
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
<b>ACR-F (dB)</b>	8.1	8.1	10.2	10.4
Freq. (MHz)	1.6	1.0	92.5	92.5
Limit (dB)	53.2	57.4	18.1	18.1
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	9.7	9.7	12.2	11.8
Freq. (MHz)	1.6	2.1	97.8	98.3
Limit (dB)	50.2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



	Worst Case Margin		Worst Case Value	
<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	12.7	13.8	19.0	20.9
Freq. (MHz)	2.3	2.3	80.8	96.8
Limit (dB)	54.3	54.3	10.3	6.7
Worst Pair	45	78	45	36
<b>PS ACR-N (dB)</b>	13.8	14.0	21.5	23.3
Freq. (MHz)	2.5	10.0	80.8	96.8
Limit (dB)	50.4	36.9	7.3	3.7



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



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



## Cable ID: D2-15

## Test Summary: PASS

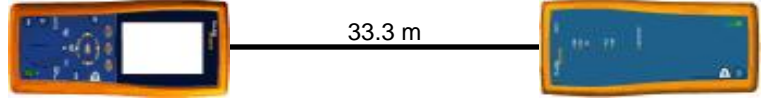
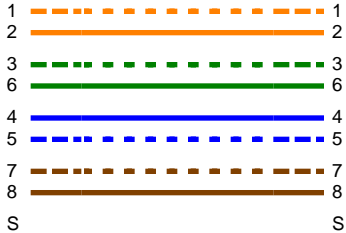
Date / Time: 08/20/2009 02:39:25pm  
**Headroom: 2.8 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

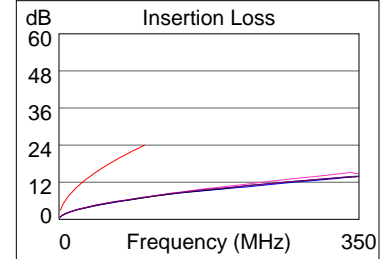
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

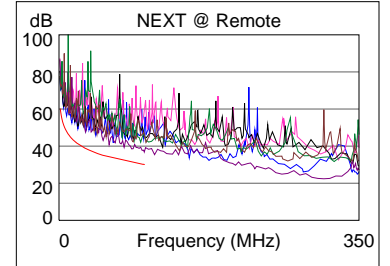
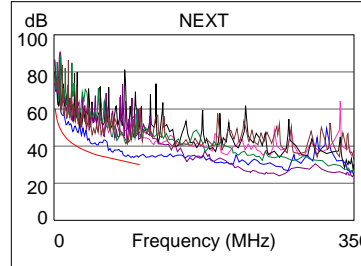
**PASS**



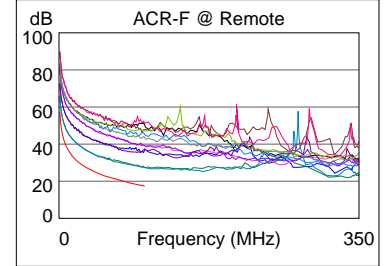
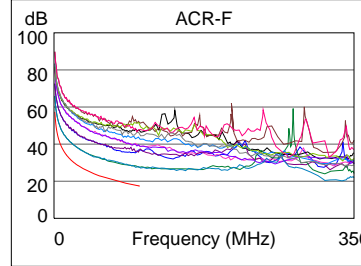
Length (m), Limit 100.0	[Pair 12]	33.3
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.3
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



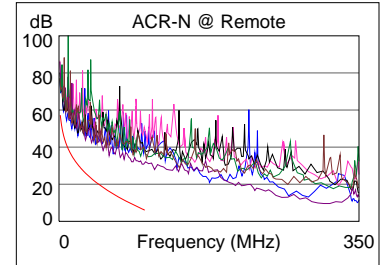
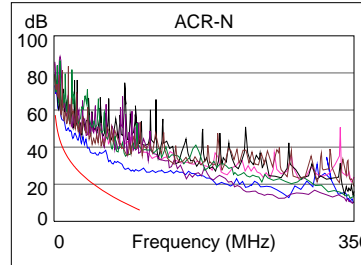
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	36-45	12-36	36-45
<b>NEXT (dB)</b>	2.8	6.2	2.9	6.6
Freq. (MHz)	83.3	85.5	90.0	99.8
Limit (dB)	31.5	31.3	30.9	30.1
Worst Pair	36	45	36	36
<b>PS NEXT (dB)</b>	5.0	8.0	6.2	9.0
Freq. (MHz)	83.8	85.5	99.3	99.3
Limit (dB)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



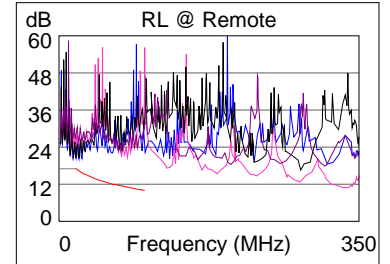
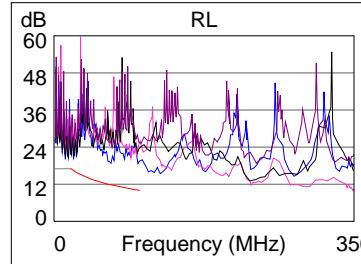
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	8.4	8.4	9.9	9.8
Freq. (MHz)	2.0	2.1	100.0	99.8
Limit (dB)	51.4	50.9	17.4	17.4
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	10.6	10.6	12.0	12.5
Freq. (MHz)	1.0	2.0	95.3	100.0
Limit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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	12-36	36-45
<b>ACR-N (dB)</b>	12.1	12.7	19.5	23.6
Freq. (MHz)	1.6	5.0	93.5	99.8
Limit (dB)	56.9	47.0	7.4	6.1
Worst Pair	36	12	36	36
<b>PS ACR-N (dB)</b>	13.1	13.0	22.9	25.8
Freq. (MHz)	1.8	5.3	99.0	99.8
Limit (dB)	53.4	43.5	3.3	3.1



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



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



**Cable ID: D2-10**

**Test Summary: PASS**

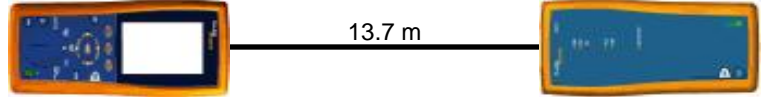
Date / Time: 08/24/2009 03:17:28pm  
 Headroom: 5.0 dB (NEXT 36-45)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

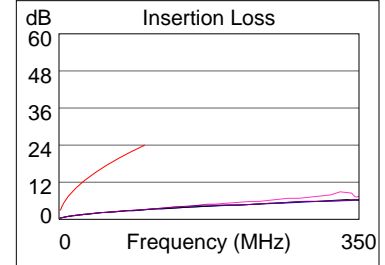
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

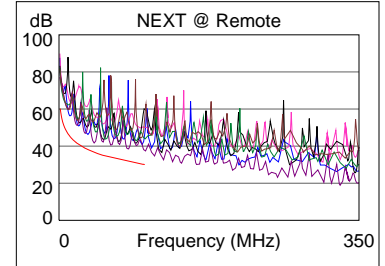
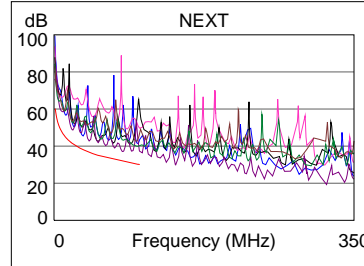
**PASS**



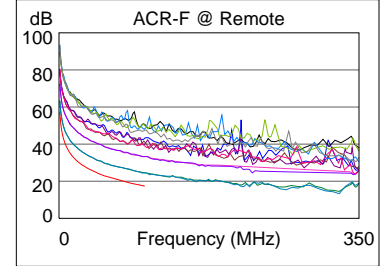
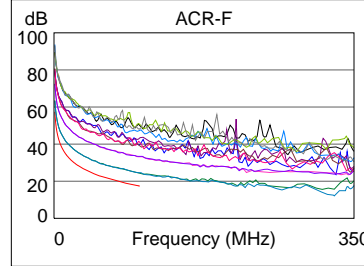
Length (m), Limit 100.0	[Pair 78]	13.7
Prop. Delay (ns), Limit 555		68
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	3.0
Insertion Loss Margin (dB)	[Pair 36]	20.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



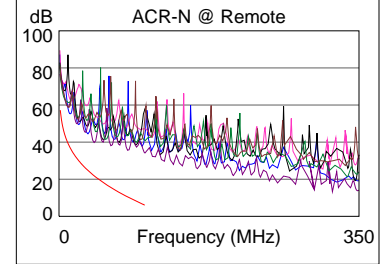
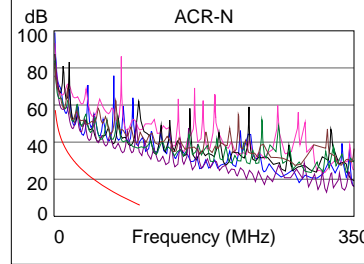
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.3	5.0	6.8	7.2
Freq. (MHz)	79.8	40.8	100.0	100.0
Limit (dB)	31.8	36.8	30.1	30.1
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.3	7.0	7.6	8.8
Freq. (MHz)	79.8	41.3	100.0	99.5
Limit (dB)	28.8	33.7	27.1	27.1



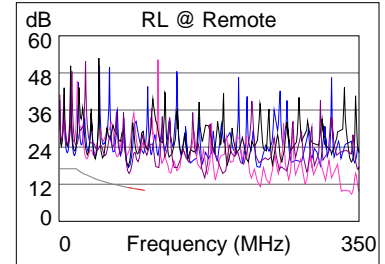
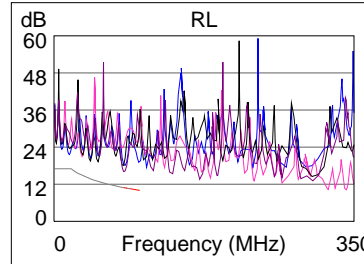
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.9	5.9	6.8	6.8
Freq. (MHz)	1.0	1.0	96.5	97.3
Limit (dB)	57.4	57.4	17.7	17.6
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	8.6	8.4	9.3	9.5
Freq. (MHz)	1.1	1.0	97.5	97.3
Limit (dB)	53.4	54.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	16.0	17.4	27.7	28.1
Freq. (MHz)	7.0	1.6	100.0	100.0
Limit (dB)	43.6	56.9	6.1	6.1
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	16.8	17.2	28.4	29.5
Freq. (MHz)	21.5	1.6	100.0	99.5
Limit (dB)	27.9	53.9	3.1	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	78	78
<b>RL (dB)</b>	5.1	4.6	5.1	4.6
Freq. (MHz)	81.5	81.5	81.5	81.5
Limit (dB)	10.9	10.9	10.9	10.9



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



### Cable ID: D2-07

### Test Summary: PASS

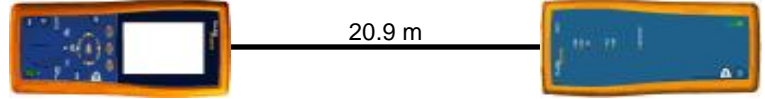
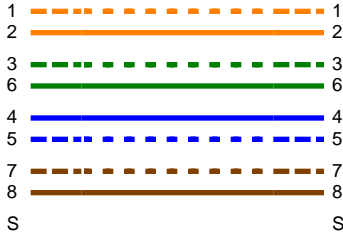
Date / Time: 08/27/2009 12:06:47pm  
**Headroom: 6.0 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

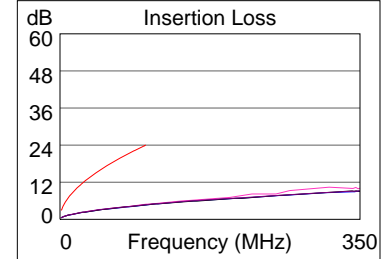
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

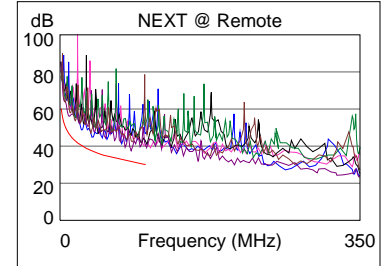
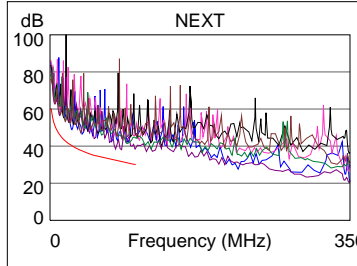
**PASS**



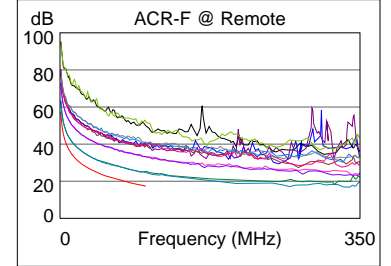
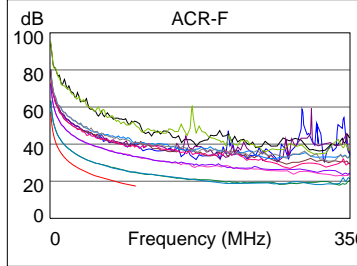
Length (m), Limit 100.0	[Pair 12]	20.9
Prop. Delay (ns), Limit 555		104
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	4.3
Insertion Loss Margin (dB)	[Pair 36]	19.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



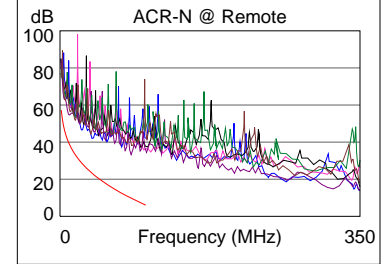
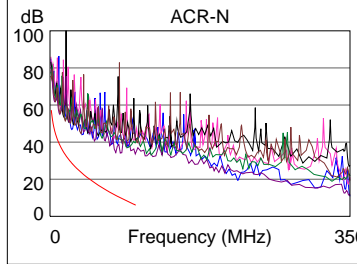
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.2	6.0	6.2	6.0
Freq. (MHz)	82.8	82.8	82.8	82.8
Limit (dB)	31.5	31.5	31.5	31.5
Worst Pair	36	45	36	45
<b>PS NEXT (dB)</b>	8.0	7.5	8.0	7.5
Freq. (MHz)	82.8	83.3	82.8	83.3
Limit (dB)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



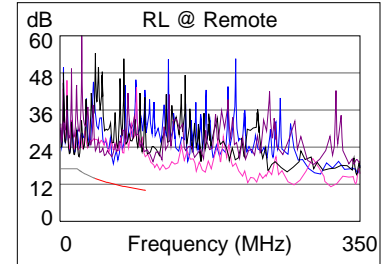
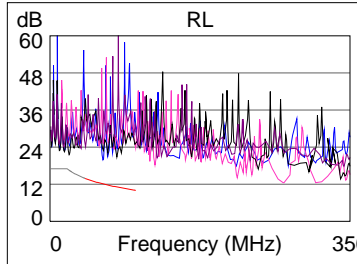
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	6.0	6.0	6.7	6.5
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	45	45	36
<b>PS ACR-F (dB)</b>	8.4	8.5	9.1	9.5
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	15.0	15.0	27.3	23.5
Freq. (MHz)	4.8	9.8	99.8	82.8
Limit (dB)	47.5	40.2	6.1	9.8
Worst Pair	45	45	36	45
<b>PS ACR-N (dB)</b>	15.9	16.2	28.6	25.1
Freq. (MHz)	5.1	5.0	100.0	83.3
Limit (dB)	43.7	44.0	3.1	6.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	7.8	6.5	7.8	6.5
Freq. (MHz)	61.8	62.3	61.8	62.3
Limit (dB)	12.1	12.1	12.1	12.1



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



### Cable ID: D2-05

### Test Summary: PASS

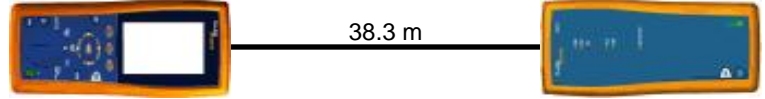
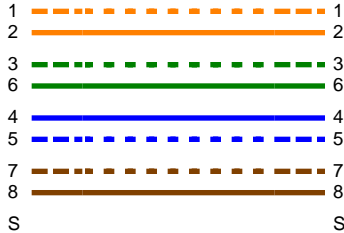
Date / Time: 08/20/2009 02:56:52pm  
**Headroom: 3.9 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

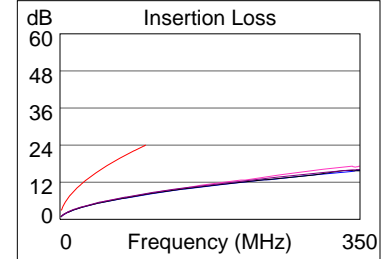
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

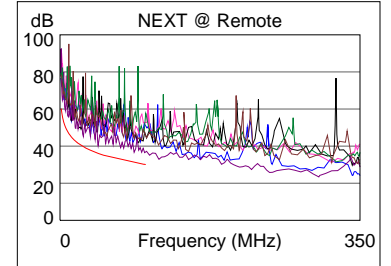
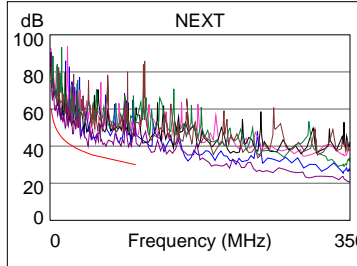
**PASS**



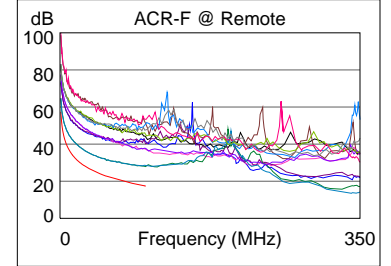
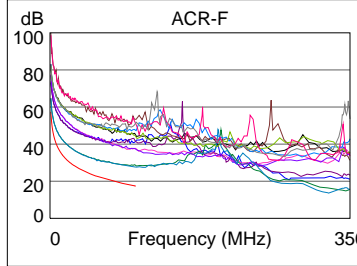
Length (m), Limit 100.0	[Pair 12]	38.3
Prop. Delay (ns), Limit 555		190
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.1
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



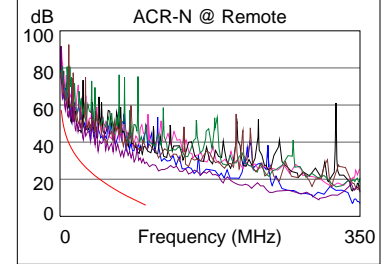
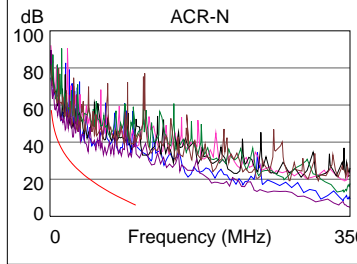
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.0	3.9	5.6	6.1
Freq. (MHz)	44.5	44.8	62.5	98.3
Limit (dB)	36.1	36.1	33.6	30.2
Worst Pair	36	36	36	45
<b>PS NEXT (dB)</b>	6.5	6.5	9.2	7.4
Freq. (MHz)	44.8	44.8	80.3	86.5
Limit (dB)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



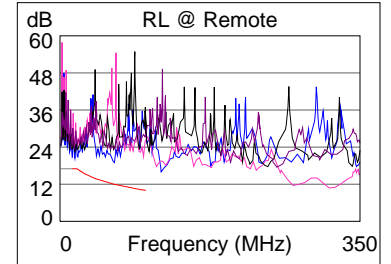
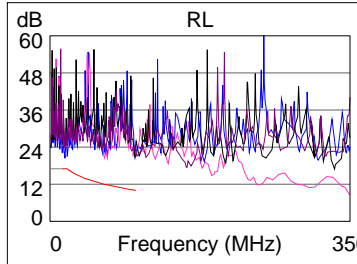
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	36-45
<b>ACR-F (dB)</b>	7.0	7.0	10.2	10.4
Freq. (MHz)	2.1	2.1	100.0	98.8
Limit (dB)	50.9	50.9	17.4	17.5
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	9.7	9.6	13.0	12.7
Freq. (MHz)	1.0	2.1	100.0	100.0
Limit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



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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	36	12
<b>RL (dB)</b>	3.3	3.4	9.8	6.6
Freq. (MHz)	17.3	17.4	97.8	61.0
Limit (dB)	17.0	17.0	10.1	12.2



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



**Cable ID: D2-03**

**Test Summary: FAIL**

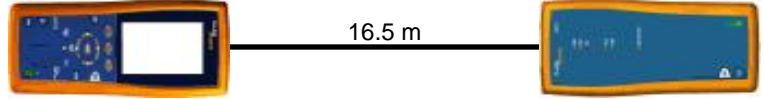
Date / Time: 08/21/2009 08:51:22am  
 Headroom: **-0.8 dB (NEXT 12-78)**  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

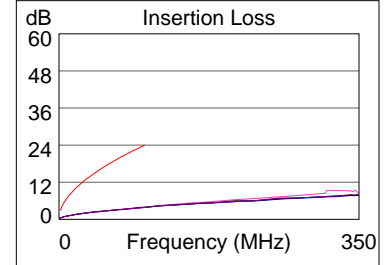
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

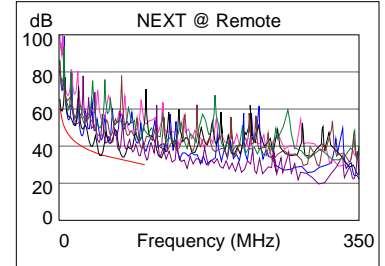
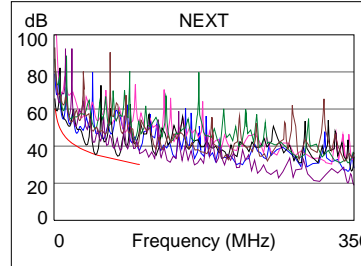
**PASS**



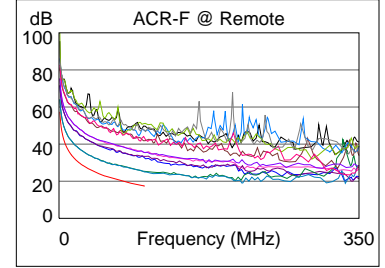
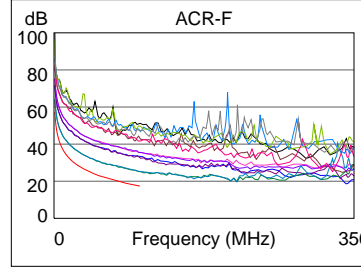
Length (m), Limit 100.0	[Pair 78]	16.5
Prop. Delay (ns), Limit 555		82
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	3.5
Insertion Loss Margin (dB)	[Pair 36]	20.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



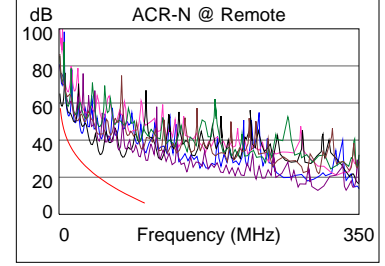
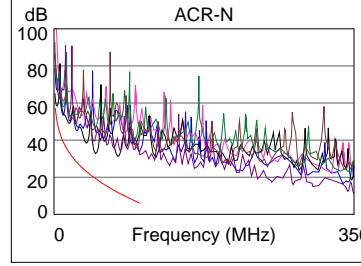
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12-78	12-78	12-78	12-78
<b>NEXT (dB)</b>	<b>-0.2*F</b>	<b>-0.8 F</b>	2.2	1.7
Freq. (MHz)	48.5	48.5	74.8	74.8
Limit (dB)	35.5	35.5	32.3	32.3
Worst Pair	12	12	36	36
<b>PS NEXT (dB)</b>	2.5	1.7	6.6	6.0
Freq. (MHz)	48.5	48.5	100.0	93.8
Limit (dB)	32.5	32.5	27.1	27.6



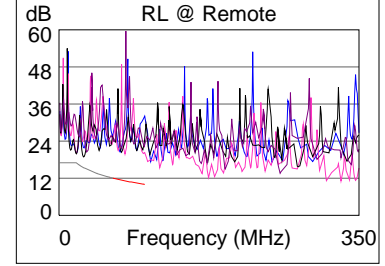
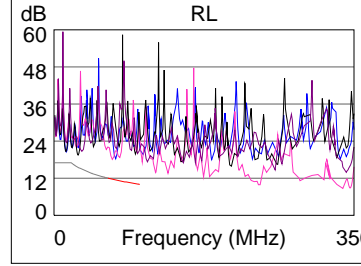
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.7	6.7	7.7	7.6
Freq. (MHz)	1.0	1.0	98.8	99.5
Limit (dB)	57.4	57.4	17.5	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	8.9	8.9	9.9	10.0
Freq. (MHz)	1.0	1.1	99.0	99.5
Limit (dB)	54.4	53.4	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	12-78	12-78
<b>ACR-N (dB)</b>	4.7	4.6	19.4	18.9
Freq. (MHz)	1.6	1.6	74.8	74.8
Limit (dB)	56.9	56.9	11.8	11.8
Worst Pair	12	78	36	36
<b>PS ACR-N (dB)</b>	7.5	7.4	26.6	26.6
Freq. (MHz)	1.6	1.6	100.0	100.0
Limit (dB)	53.9	53.9	3.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	6.4	8.6	6.4	8.6
Freq. (MHz)	67.8	76.8	67.8	76.8
Limit (dB)	11.7	11.2	11.7	11.2



\* Measurement is within the accuracy limits of the instrument.



### Cable ID: D1-32

### Test Summary: PASS

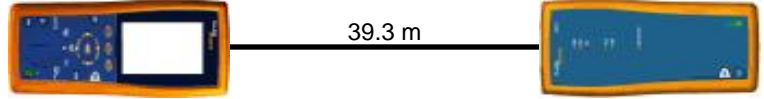
Date / Time: 08/24/2009 02:46:43pm  
**Headroom: 5.2 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

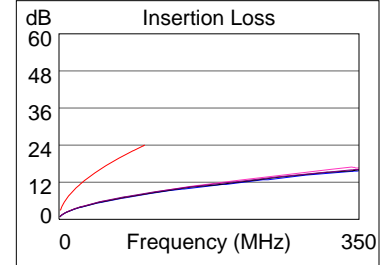
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

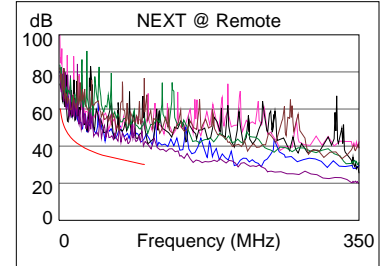
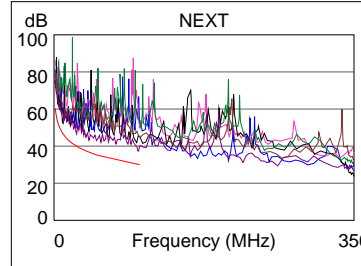
**PASS**



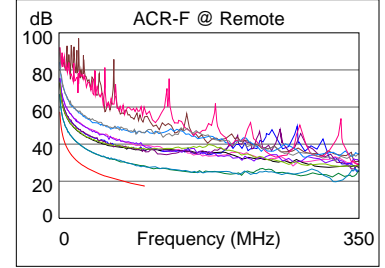
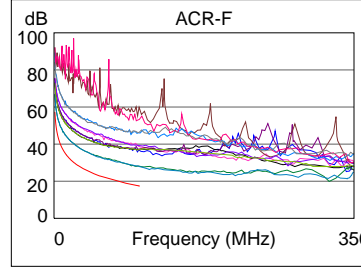
Length (m), Limit 100.0	[Pair 12]	39.3
Prop. Delay (ns), Limit 555		195
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



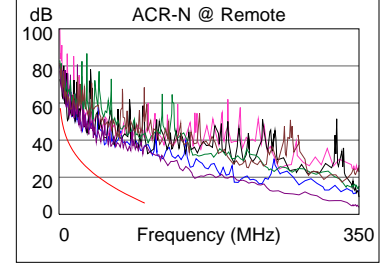
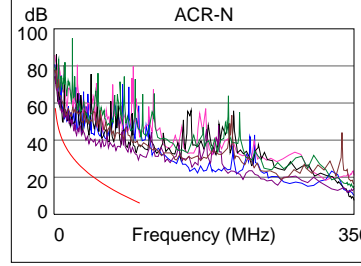
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>NEXT (dB)</b>	5.2	6.0	6.9	9.6
Freq. (MHz)	10.1	10.3	98.0	98.3
Limit (dB)	46.9	46.8	30.2	30.2
Worst Pair	12	12	45	36
<b>PS NEXT (dB)</b>	7.3	8.6	9.4	10.9
Freq. (MHz)	10.1	10.0	98.0	98.0
Limit (dB)	43.9	44.0	27.2	27.2



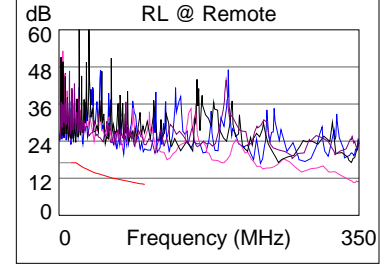
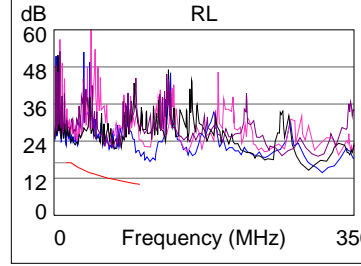
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	8.8	8.8	10.1	10.0
Freq. (MHz)	2.3	2.3	95.8	95.8
Limit (dB)	50.4	50.4	17.8	17.8
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	11.1	11.2	12.9	13.1
Freq. (MHz)	2.3	2.4	99.5	99.5
Limit (dB)	47.4	46.9	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	9.8	10.7	22.6	25.4
Freq. (MHz)	10.1	10.0	98.0	98.3
Limit (dB)	39.8	39.9	6.5	6.4
Worst Pair	12	78	45	36
<b>PS ACR-N (dB)</b>	12.0	13.2	25.1	26.5
Freq. (MHz)	10.1	10.0	98.0	98.3
Limit (dB)	36.8	36.9	3.5	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	45	12	12
<b>RL (dB)</b>	6.5	6.5	9.3	8.6
Freq. (MHz)	19.3	19.4	98.0	75.5
Limit (dB)	17.0	17.0	10.1	11.2



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



## Cable ID: D1-26

## Test Summary: PASS

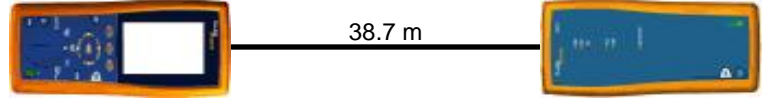
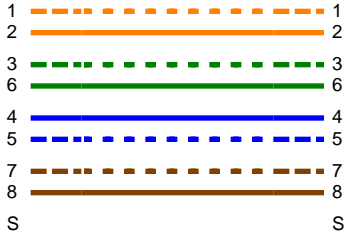
Date / Time: 08/24/2009 03:02:06pm  
**Headroom: 5.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

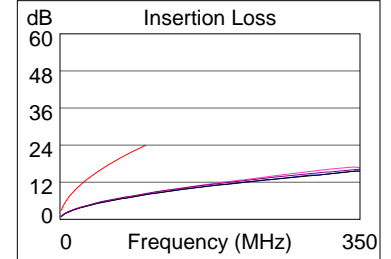
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

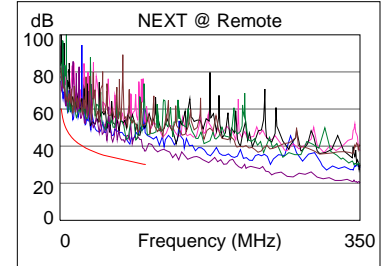
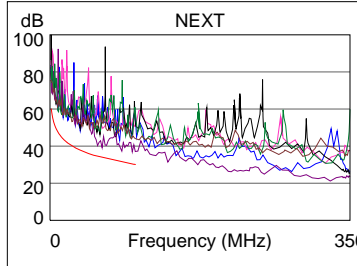
**PASS**



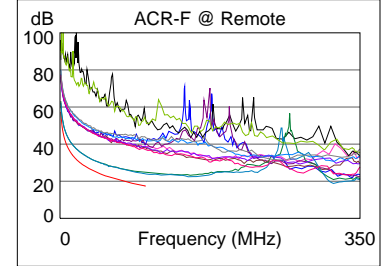
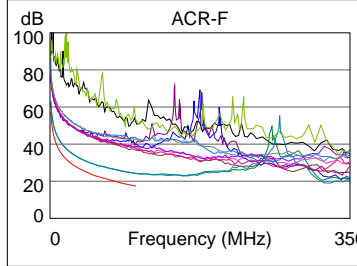
Length (m), Limit 100.0	[Pair 12]	38.7
Prop. Delay (ns), Limit 555		193
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.1
Insertion Loss Margin (dB)	[Pair 78]	15.7
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



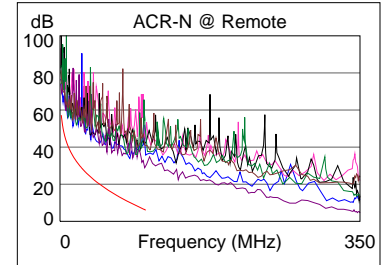
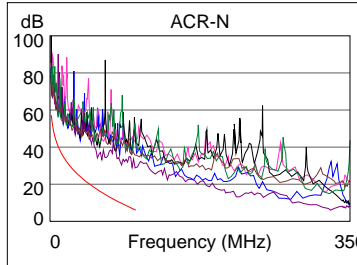
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.4	6.2	6.4	6.2
Freq. (MHz)	60.8	99.0	99.0	99.0
Limit (dB)	33.8	30.2	30.2	30.2
Worst Pair	45	45	45	36
<b>PS NEXT (dB)</b>	8.0	8.9	8.5	9.0
Freq. (MHz)	60.8	99.0	99.0	99.3
Limit (dB)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



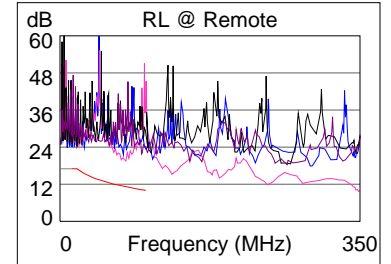
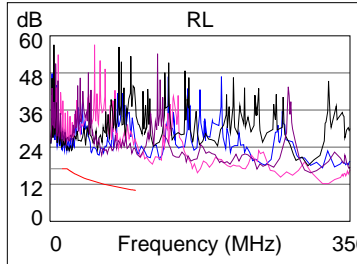
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	4.9	4.9	6.6	6.4
Freq. (MHz)	1.0	1.1	97.5	97.5
Limit (dB)	57.4	56.4	17.6	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	7.6	7.6	9.5	9.3
Freq. (MHz)	1.1	1.0	100.0	97.5
Limit (dB)	53.4	54.4	14.4	14.6



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



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	78	36
<b>RL (dB)</b>	5.7	6.6	8.9	8.3
Freq. (MHz)	16.9	17.0	60.8	76.8
Limit (dB)	17.0	17.0	12.2	11.2



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





### Cable ID: D1-23

### Test Summary: PASS

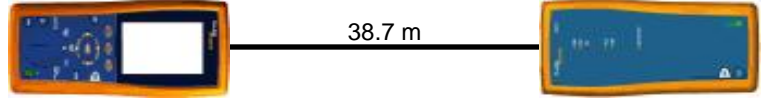
Date / Time: 08/20/2009 03:07:49pm  
**Headroom: 4.0 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

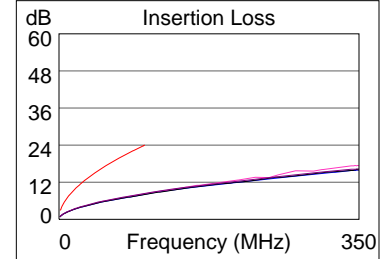
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

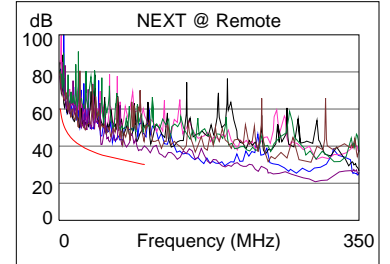
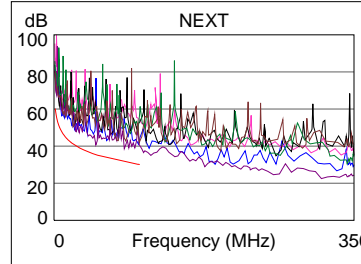
**PASS**



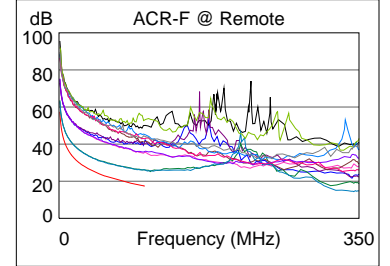
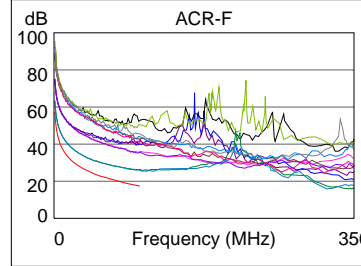
Length (m), Limit 100.0	[Pair 12]	38.7
Prop. Delay (ns), Limit 555		192
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 45]	7.4
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



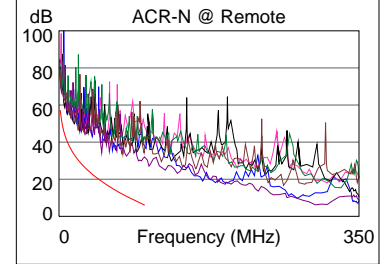
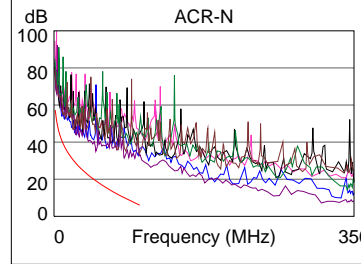
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.0	4.6	7.2	6.1
Freq. (MHz)	49.3	49.5	93.5	93.5
Limit (dB)	35.4	35.3	30.6	30.6
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.8	6.5	9.0	8.8
Freq. (MHz)	49.5	49.5	93.5	93.5
Limit (dB)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



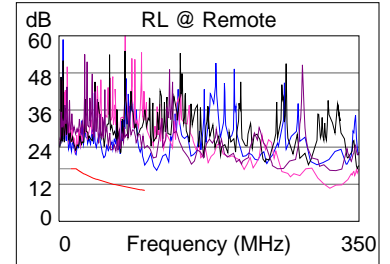
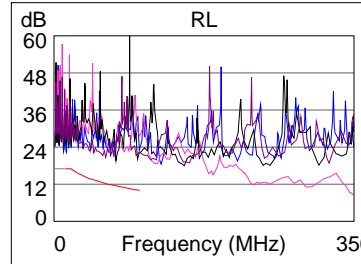
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	36-45
<b>ACR-F (dB)</b>	5.6	5.6	8.2	8.4
Freq. (MHz)	1.0	1.0	97.8	97.5
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	36	36	45
<b>PS ACR-F (dB)</b>	8.4	8.3	10.9	10.6
Freq. (MHz)	1.0	1.0	97.8	97.8
Limit (dB)	54.4	54.4	14.6	14.6



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



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



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