



### Cable ID: V2-17

### Test Summary: PASS

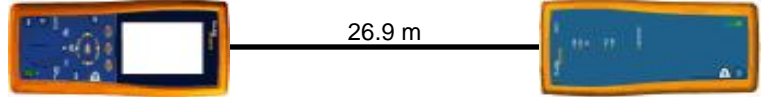
Date / Time: 08/24/2009 12:13:26pm  
**Headroom: 4.9 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

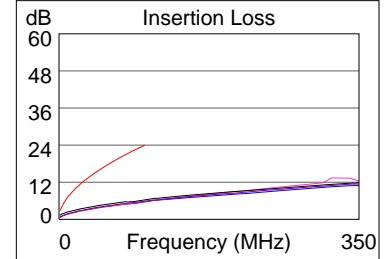
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

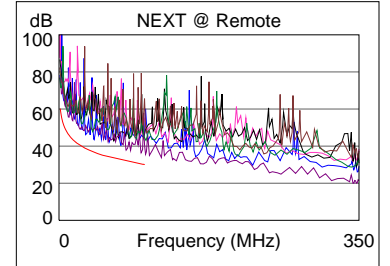
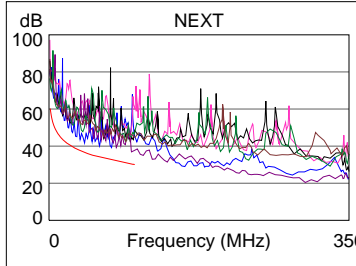
**PASS**



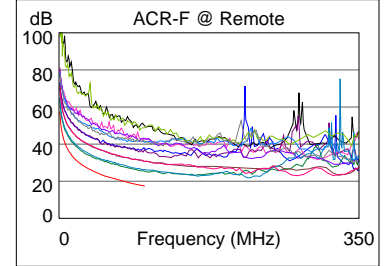
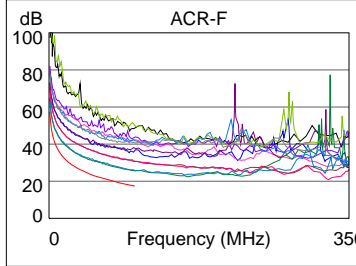
Length (m), Limit 100.0	[Pair 12]	26.9
Prop. Delay (ns), Limit 555		133
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 45]	27.6
Insertion Loss Margin (dB)	[Pair 45]	17.7
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



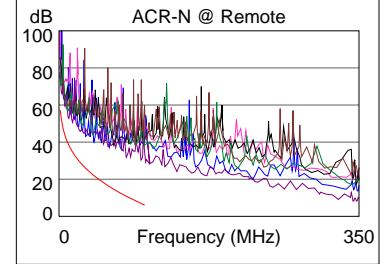
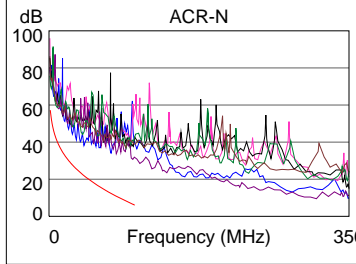
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.9	5.2	5.9	5.3
Freq. (MHz)	41.0	78.8	96.8	96.5
Limit (dB)	36.7	31.9	30.3	30.3
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	7.1	7.8	8.3	7.8
Freq. (MHz)	40.8	78.8	97.0	96.5
Limit (dB)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



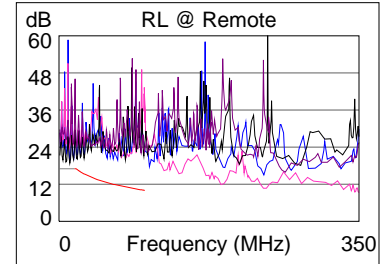
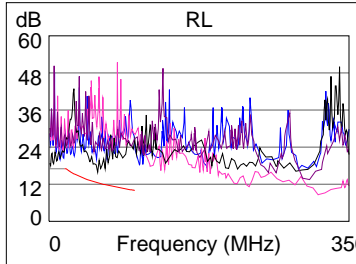
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-F (dB)</b>	6.8	6.4	7.9	7.7
Freq. (MHz)	2.6	1.8	96.8	99.8
Limit (dB)	49.0	52.5	17.7	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	8.7	8.5	9.8	9.8
Freq. (MHz)	1.3	1.9	99.3	100.0
Limit (dB)	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: V2-12

### Test Summary: PASS

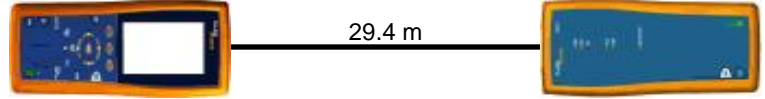
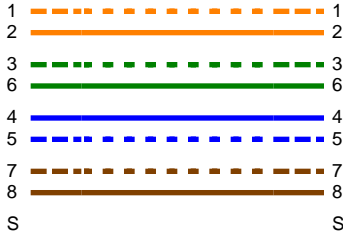
Date / Time: 08/24/2009 12:23:01pm  
**Headroom: 3.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

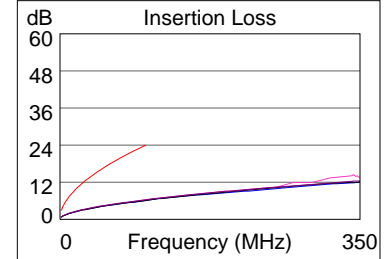
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

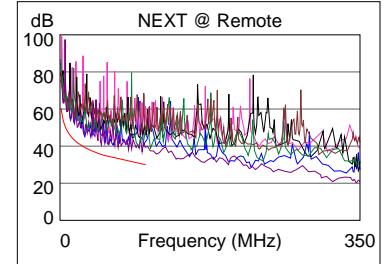
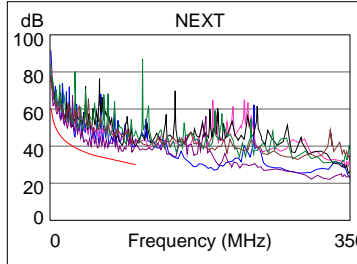
**PASS**



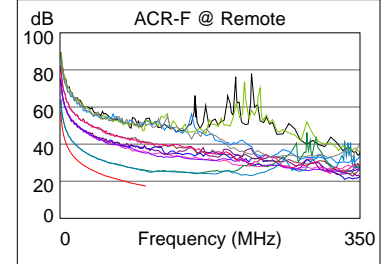
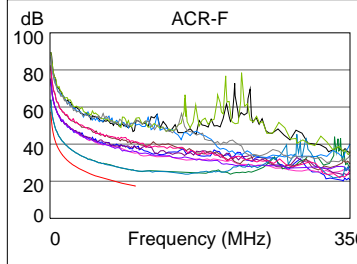
Length (m), Limit 100.0	[Pair 12]	29.4
Prop. Delay (ns), Limit 555		146
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.5
Insertion Loss Margin (dB)	[Pair 78]	17.7
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



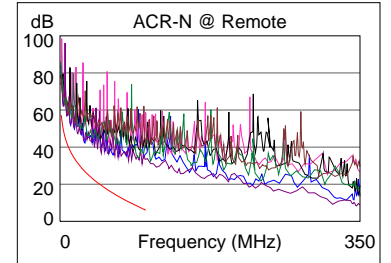
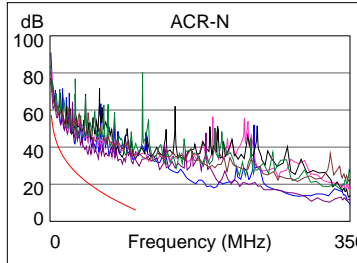
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.6	5.0	4.9	6.6
Freq. (MHz)	56.0	56.0	84.0	95.8
Limit (dB)	34.4	34.4	31.4	30.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	5.3	5.9	7.1	8.3
Freq. (MHz)	56.3	56.3	96.5	96.0
Limit (dB)	31.4	31.4	27.3	27.4



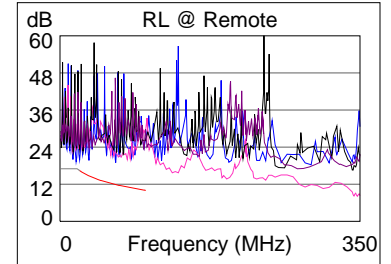
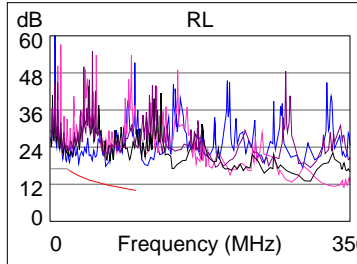
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	6.4	6.4	8.2	8.0
Freq. (MHz)	1.0	1.0	98.8	98.8
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	36	36	45	45
<b>PS ACR-F (dB)</b>	9.1	9.0	10.7	10.8
Freq. (MHz)	1.0	1.0	98.8	99.0
Limit (dB)	54.4	54.4	14.5	14.5



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	10.7	11.6	23.6	24.1
Freq. (MHz)	3.6	3.5	96.0	95.8
Limit (dB)	50.0	50.3	6.9	7.0
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.4	12.7	24.5	25.7
Freq. (MHz)	3.9	3.9	96.5	96.0
Limit (dB)	46.4	46.4	3.8	3.9



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	3.7	5.0	5.5	7.0
Freq. (MHz)	33.8	33.8	65.5	65.3
Limit (dB)	14.7	14.7	11.8	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: V1-44

### Test Summary: PASS

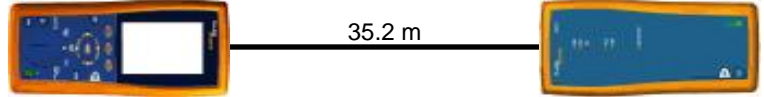
Date / Time: 08/21/2009 09:37:12am  
**Headroom: 6.1 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

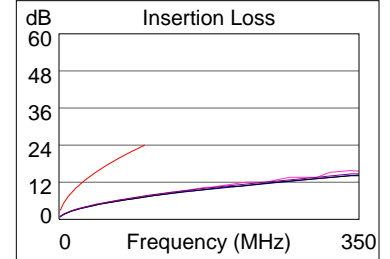
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

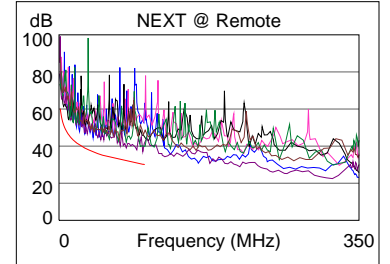
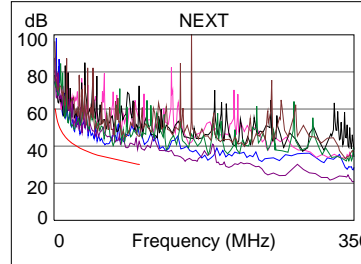
**PASS**



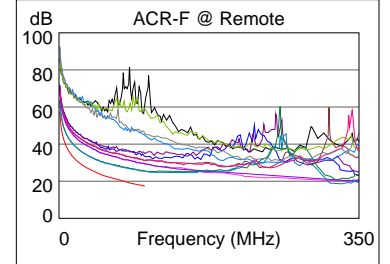
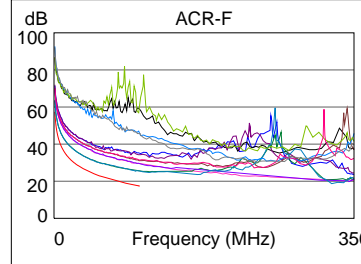
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



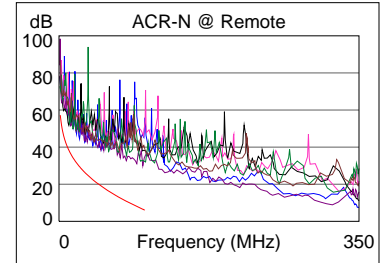
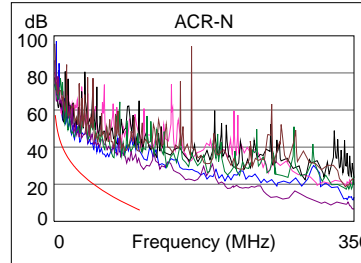
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.1	6.9	6.4	6.9
Freq. (MHz)	59.8	97.5	84.3	97.8
Limit (dB)	33.9	30.3	31.4	30.2
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	6.6	7.4	8.6	8.0
Freq. (MHz)	23.5	30.1	84.3	97.8
Limit (dB)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



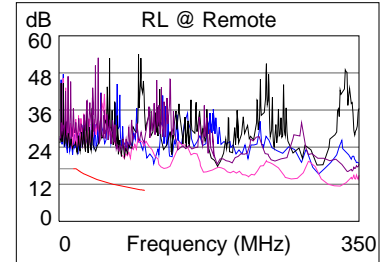
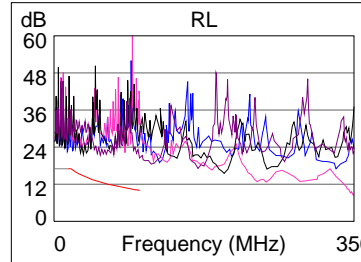
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	6.0	6.0	7.6	7.8
Freq. (MHz)	2.0	1.6	95.0	98.3
Limit (dB)	51.4	53.2	17.8	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	7.7	7.7	9.6	9.5
Freq. (MHz)	1.0	1.6	99.0	99.0
Limit (dB)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



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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	78	36
<b>RL (dB)</b>	5.7	5.1	10.4	9.3
Freq. (MHz)	21.9	22.0	100.0	82.8
Limit (dB)	16.6	16.6	10.0	10.8



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



### Cable ID: V1-33

### Test Summary: PASS

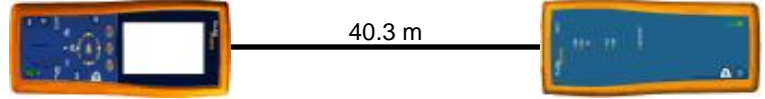
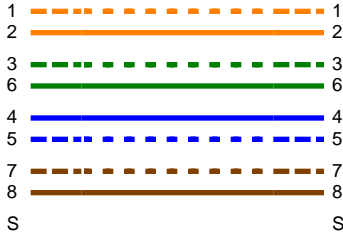
Date / Time: 08/21/2009 11:13:15am  
**Headroom: 4.8 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

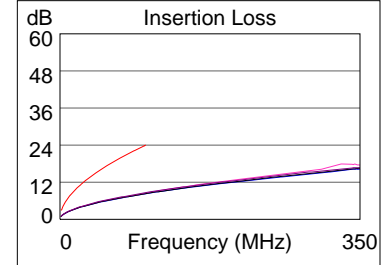
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

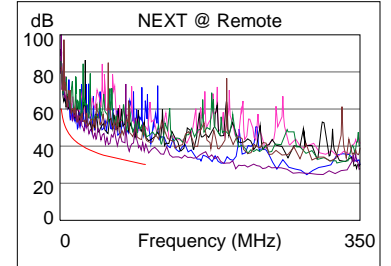
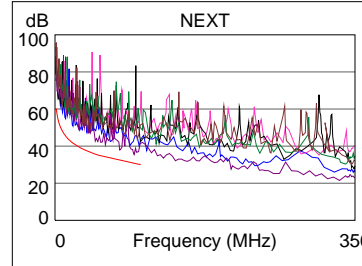
**PASS**



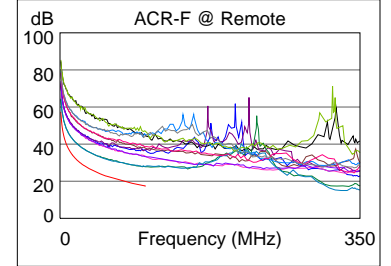
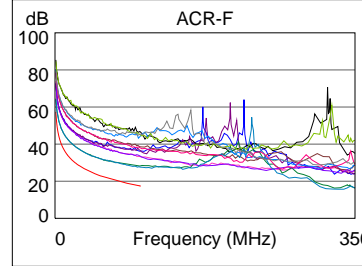
Length (m), Limit 100.0	[Pair 12]	40.3
Prop. Delay (ns), Limit 555		200
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 78]	15.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



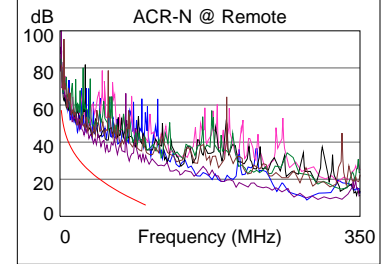
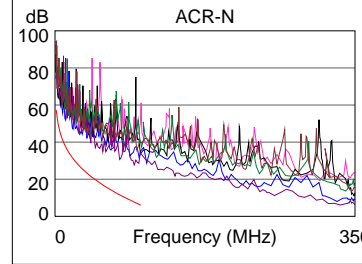
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.8	5.3	4.8	5.3
Freq. (MHz)	92.0	81.0	92.0	81.0
Limit (dB)	30.7	31.7	30.7	31.7
Worst Pair	36	45	36	36
<b>PS NEXT (dB)</b>	7.2	8.0	7.2	9.2
Freq. (MHz)	92.0	81.0	92.0	98.0
Limit (dB)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



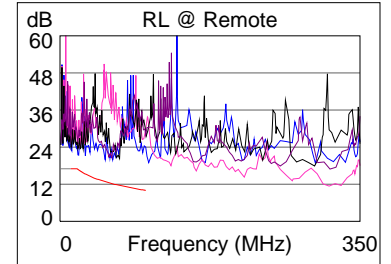
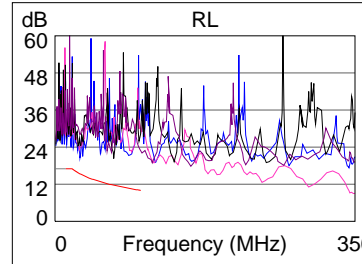
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	6.7	6.7	9.7	9.9
Freq. (MHz)	1.0	1.0	96.8	96.3
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	8.9	9.1	11.9	11.8
Freq. (MHz)	1.0	1.0	96.8	96.8
Limit (dB)	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: V1-11

# Test Summary: PASS

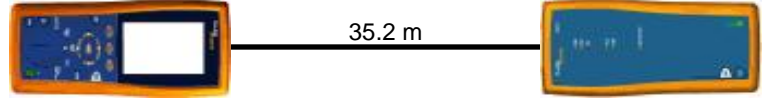
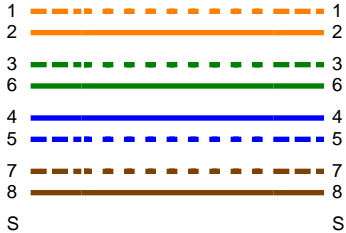
Date / Time: 08/21/2009 09:37:12am  
**Headroom: 6.1 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

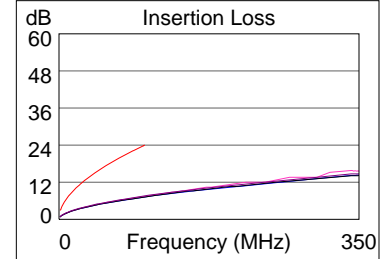
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

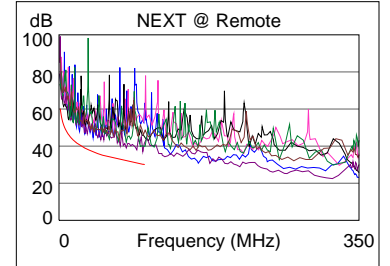
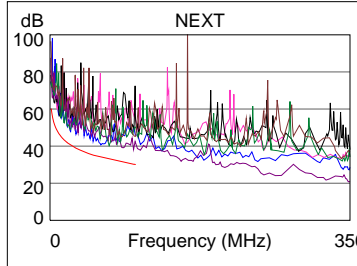
**PASS**



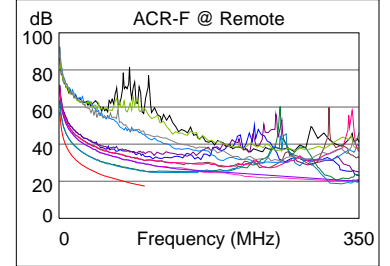
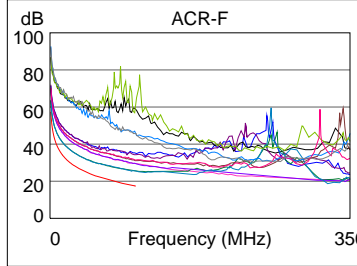
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



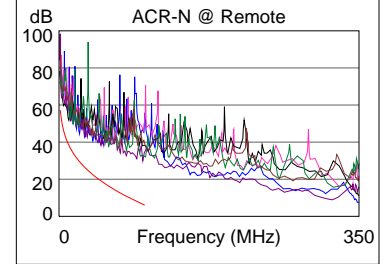
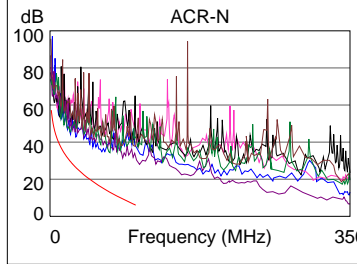
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.1	6.9	6.4	6.9
Freq. (MHz)	59.8	97.5	84.3	97.8
Limit (dB)	33.9	30.3	31.4	30.2
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	6.6	7.4	8.6	8.0
Freq. (MHz)	23.5	30.1	84.3	97.8
Limit (dB)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



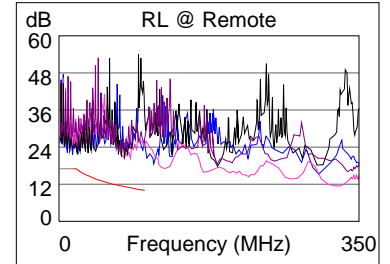
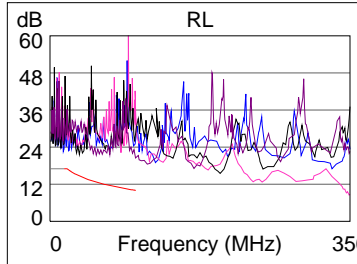
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	6.0	6.0	7.6	7.8
Freq. (MHz)	2.0	1.6	95.0	98.3
Limit (dB)	51.4	53.2	17.8	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	7.7	7.7	9.6	9.5
Freq. (MHz)	1.0	1.6	99.0	99.0
Limit (dB)	54.4	50.2	14.5	14.5



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



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	78	36
<b>RL (dB)</b>	5.7	5.1	10.4	9.3
Freq. (MHz)	21.9	22.0	100.0	82.8
Limit (dB)	16.6	16.6	10.0	10.8



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



### Cable ID: V1-05

### Test Summary: PASS

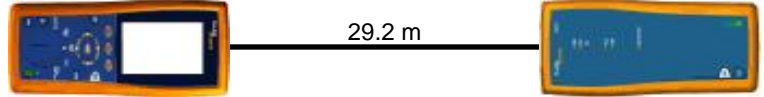
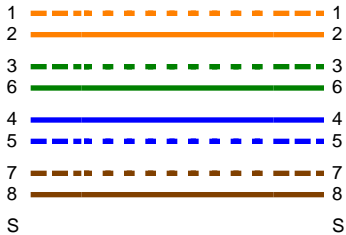
Date / Time: 08/21/2009 09:12:02am  
**Headroom: 5.2 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

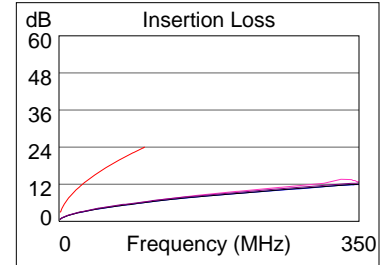
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

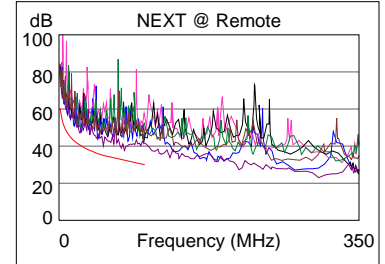
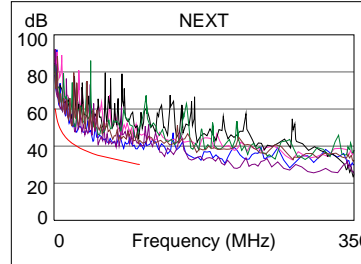
**PASS**



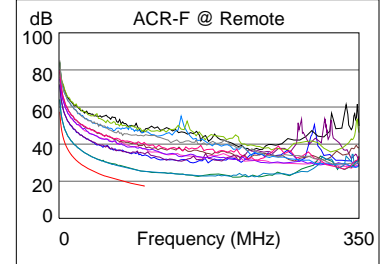
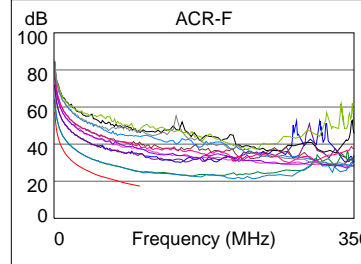
Length (m), Limit 100.0	[Pair 12]	29.2
Prop. Delay (ns), Limit 555		145
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.4
Insertion Loss Margin (dB)	[Pair 36]	17.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



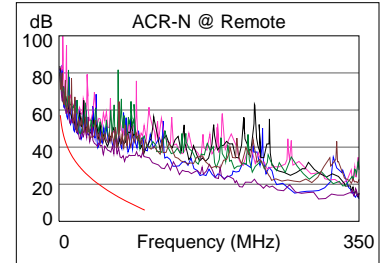
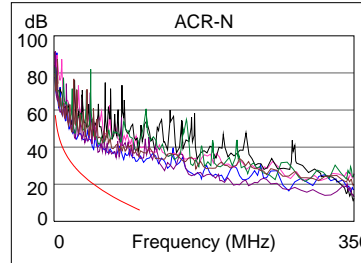
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
<b>NEXT (dB)</b>	5.3	5.2	7.7	5.5
Freq. (MHz)	52.0	51.8	96.0	76.5
Limit (dB)	35.0	35.0	30.4	32.1
Worst Pair	36	36	36	45
<b>PS NEXT (dB)</b>	6.3	6.9	8.2	7.9
Freq. (MHz)	51.8	24.8	96.3	76.5
Limit (dB)	32.0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



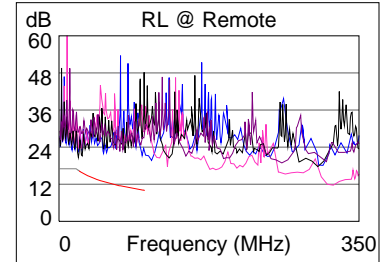
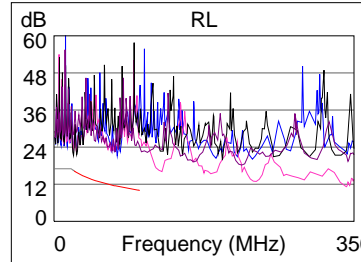
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	45-36
<b>ACR-F (dB)</b>	6.4	6.4	7.6	7.6
Freq. (MHz)	1.0	1.0	99.5	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	8.9	8.6	9.9	10.2
Freq. (MHz)	1.1	1.0	100.0	99.5
Limit (dB)	53.4	54.4	14.4	14.4



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



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	45	12	12
<b>RL (dB)</b>	5.7	5.2	9.9	10.8
Freq. (MHz)	26.6	26.6	73.8	97.5
Limit (dB)	15.8	15.8	11.3	10.1



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



### Cable ID: D2-32

### Test Summary: PASS

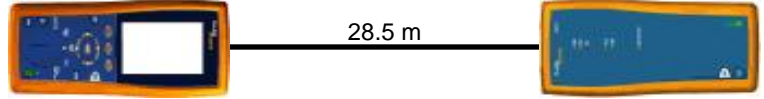
Date / Time: 08/25/2009 09:39:29am  
**Headroom: 6.3 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

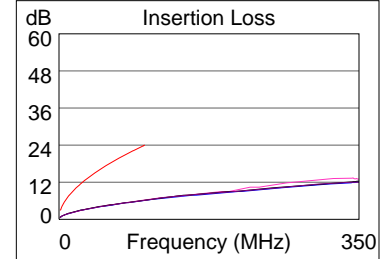
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

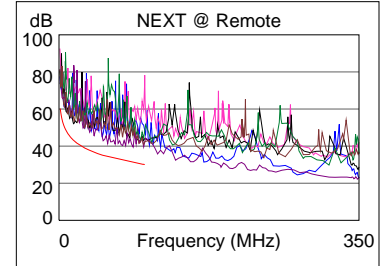
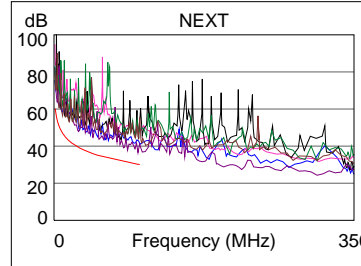
**PASS**



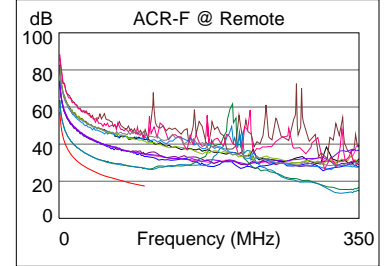
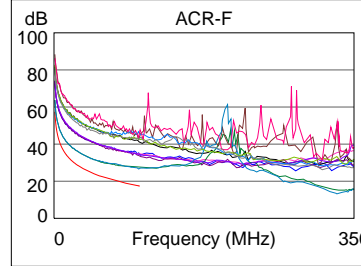
Length (m), Limit 100.0	[Pair 78]	28.5
Prop. Delay (ns), Limit 555		141
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 36]	17.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



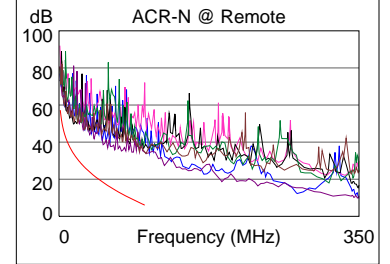
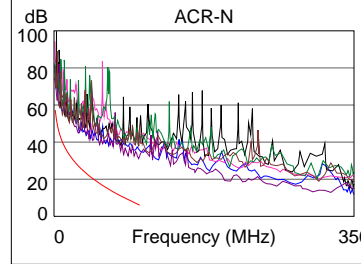
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.3	7.1	6.3	7.7
Freq. (MHz)	98.0	56.8	98.0	85.8
Limit (dB)	30.2	34.3	30.2	31.2
Worst Pair	36	36	36	45
<b>PS NEXT (dB)</b>	8.0	9.0	8.3	10.0
Freq. (MHz)	85.8	51.3	98.0	98.3
Limit (dB)	28.2	32.1	27.2	27.2



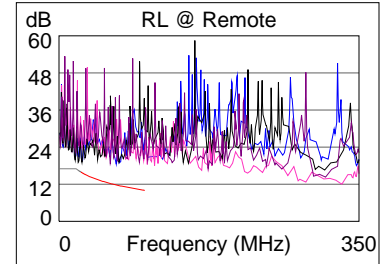
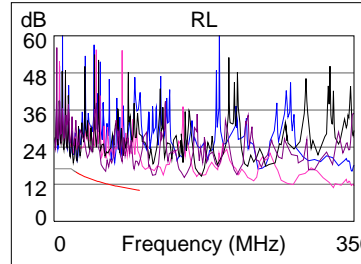
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	36-45
<b>ACR-F (dB)</b>	6.4	6.3	9.0	9.1
Freq. (MHz)	1.0	1.3	98.3	98.3
Limit (dB)	57.4	55.5	17.6	17.6
Worst Pair	45	36	36	45
<b>PS ACR-F (dB)</b>	8.8	8.9	11.3	11.4
Freq. (MHz)	1.0	1.1	98.3	98.3
Limit (dB)	54.4	53.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-36	36-45	36-45
<b>ACR-N (dB)</b>	12.6	14.5	23.9	24.1
Freq. (MHz)	3.4	6.1	98.0	85.8
Limit (dB)	50.7	45.0	6.5	9.2
Worst Pair	36	78	36	45
<b>PS ACR-N (dB)</b>	14.3	14.5	25.9	27.7
Freq. (MHz)	2.3	1.6	98.3	98.3
Limit (dB)	51.3	53.9	3.4	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	45	78	12
<b>RL (dB)</b>	3.5	3.3	3.5	6.3
Freq. (MHz)	59.5	26.6	59.5	71.0
Limit (dB)	12.3	15.8	12.3	11.5



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



### Cable ID: D2-31

### Test Summary: PASS

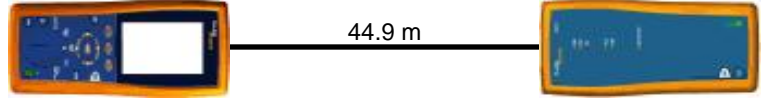
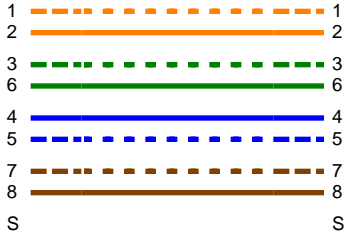
Date / Time: 08/20/2009 03:04:57pm  
**Headroom: 4.9 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

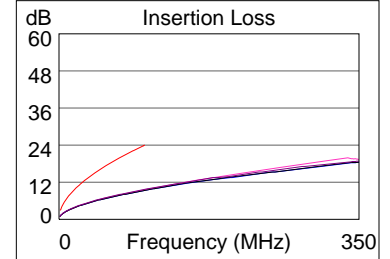
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

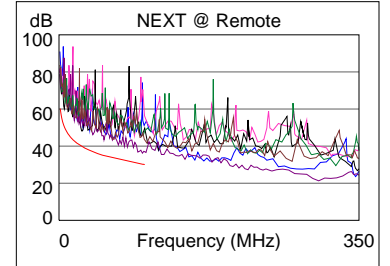
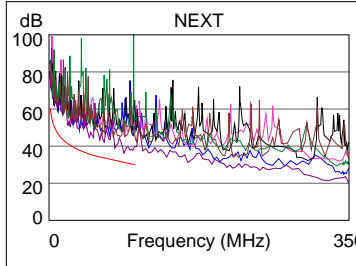
**PASS**



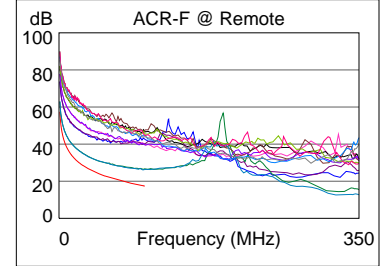
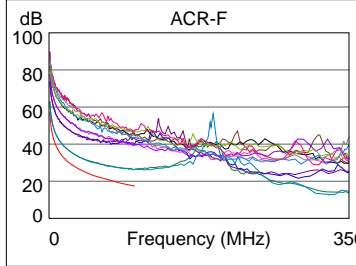
Length (m), Limit 100.0	[Pair 12]	44.9
Prop. Delay (ns), Limit 555		223
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	9.2
Insertion Loss Margin (dB)	[Pair 36]	14.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



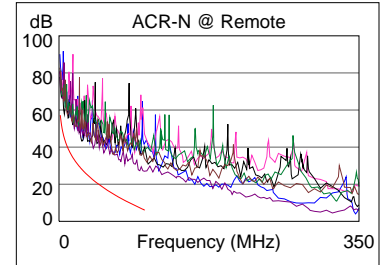
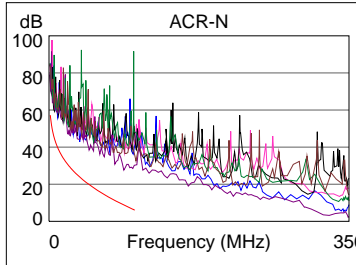
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.9	5.6	4.9	5.8
Freq. (MHz)	86.8	94.5	86.8	100.0
Limit (dB)	31.1	30.5	31.1	30.1
Worst Pair	36	45	36	45
<b>PS NEXT (dB)</b>	7.5	8.0	7.5	8.1
Freq. (MHz)	87.0	94.5	87.0	100.0
Limit (dB)	28.1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



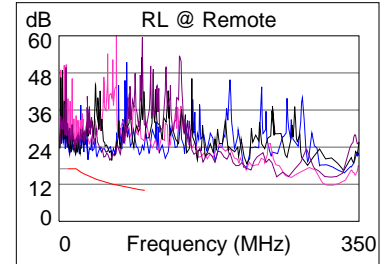
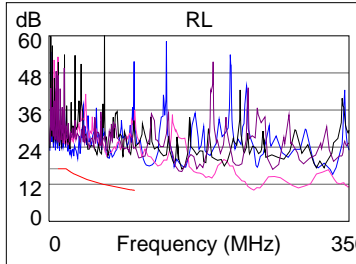
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.4	5.4	8.6	8.4
Freq. (MHz)	1.5	1.1	98.3	98.3
Limit (dB)	53.9	56.4	17.6	17.6
Worst Pair	36	36	45	45
<b>PS ACR-F (dB)</b>	8.1	8.1	11.3	11.3
Freq. (MHz)	1.5	1.5	98.3	98.0
Limit (dB)	50.9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



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	13.8	12.7	18.4	20.5
Freq. (MHz)	5.9	5.9	86.8	100.0
Limit (dB)	45.4	45.4	8.9	6.1
Worst Pair	78	78	36	45
<b>PS ACR-N (dB)</b>	15.7	14.7	22.9	22.8
Freq. (MHz)	5.9	2.9	97.0	100.0
Limit (dB)	42.4	49.1	3.7	3.1



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	45
<b>RL (dB)</b>	5.1	4.2	8.3	7.5
Freq. (MHz)	24.1	12.0	69.3	61.8
Limit (dB)	16.2	17.0	11.6	12.1



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





**Cable ID: D2-30**

**Test Summary: FAIL**

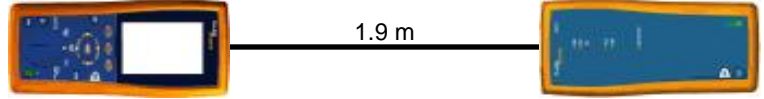
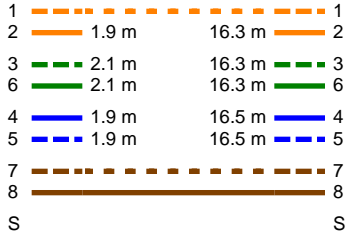
Date / Time: 08/24/2009 04:28:02pm  
 Headroom: -9.4 dB (NEXT 36-45)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

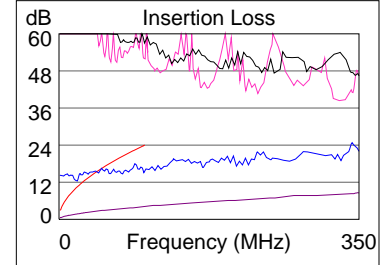
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

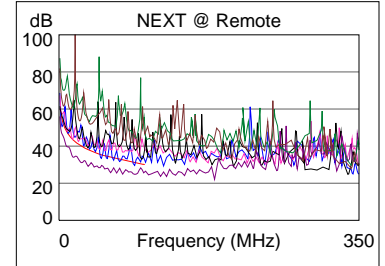
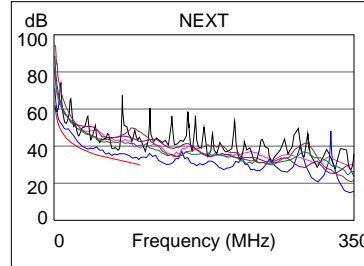
**FAIL**



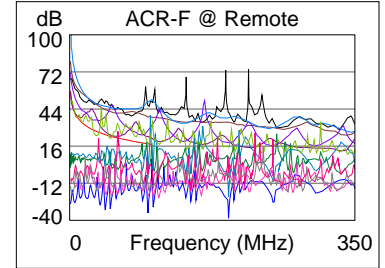
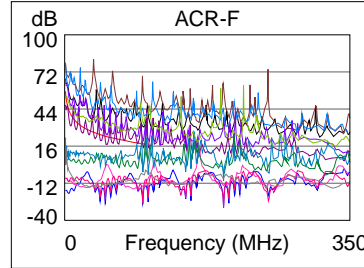
Length (m), Limit 100.0	[Pair 12]	1.9
Prop. Delay (ns), Limit 555		87
Delay Skew (ns), Limit 50		<b>78 F</b>
Resistance (ohms)	[Pair 12]	Open
Insertion Loss Margin (dB)	[Pair 45]	<b>-90.6 F</b>
Frequency (MHz)	[Pair 45]	1.0
Limit (dB)	[Pair 45]	3.0



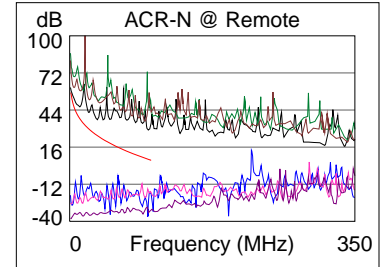
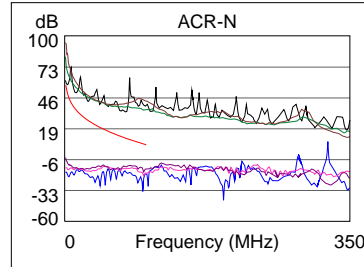
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12-78	36-45	12-36	36-45
<b>NEXT (dB)</b>	0.4*	<b>-9.4 F</b>	2.6	-6.3
Freq. (MHz)	1.6	15.9	98.8	87.3
Limit (dB)	59.9	43.7	30.2	31.1
Worst Pair	12	36	12	36
<b>PS NEXT (dB)</b>	2.4	<b>-7.2 F</b>	4.4	-4.6
Freq. (MHz)	1.6	2.3	98.8	87.3
Limit (dB)	56.9	54.6	27.2	28.1



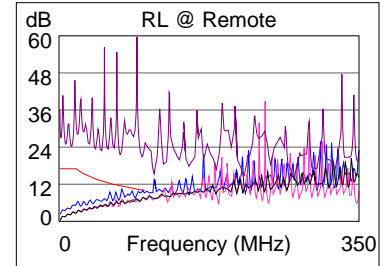
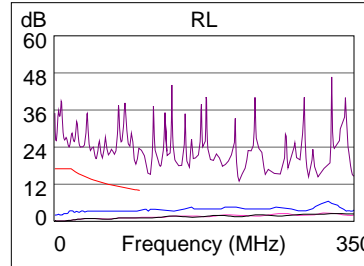
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12-36	12-36	12-36	12-36
<b>ACR-F (dB)</b>	<b>-73.7 F</b>	<b>-85.0 F</b>	-45.6	-52.2
Freq. (MHz)	1.3	1.0	95.8	96.0
Limit (dB)	55.5	57.4	17.8	17.8
Worst Pair	36	12	36	12
<b>PS ACR-F (dB)</b>	<b>-68.2 F</b>	<b>-72.4 F</b>	-44.8	-42.8
Freq. (MHz)	1.6	1.0	95.8	95.8
Limit (dB)	50.2	54.4	14.8	14.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	36-45	12-36	36-45
<b>ACR-N (dB)</b>	-75.3	-95.8	-41.2	-95.8
Freq. (MHz)	1.3	1.4	95.8	1.4
Limit (dB)	57.0	57.0	7.0	57.0
Worst Pair	36	45	36	36
<b>PS ACR-N (dB)</b>	-72.8	-93.1	-39.6	-45.5
Freq. (MHz)	1.3	1.4	95.8	95.8
Limit (dB)	54.0	54.0	4.0	4.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	<b>-16.9 F</b>	<b>-16.7 F</b>	-16.9	-16.7
Freq. (MHz)	2.8	1.0	2.8	1.0
Limit (dB)	17.0	17.0	17.0	17.0



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



### Cable ID: D2-29

### Test Summary: PASS

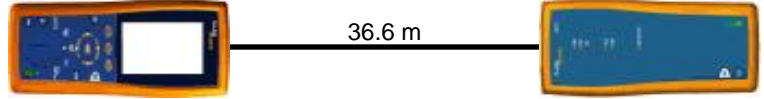
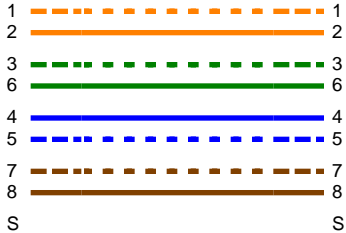
Date / Time: 08/20/2009 02:55:33pm  
**Headroom: 4.8 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

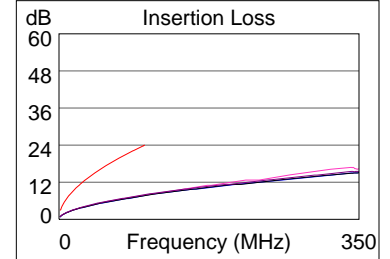
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

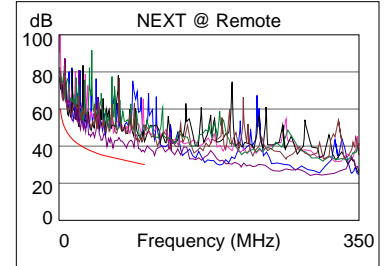
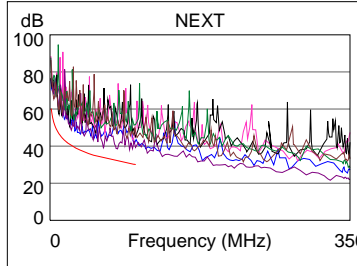
**PASS**



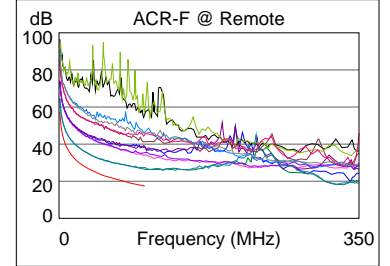
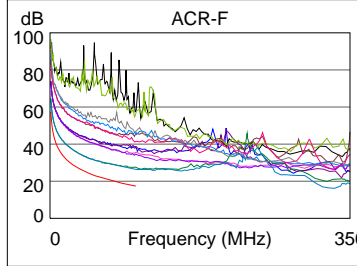
Length (m), Limit 100.0	[Pair 12]	36.6
Prop. Delay (ns), Limit 555		181
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.7
Insertion Loss Margin (dB)	[Pair 36]	16.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



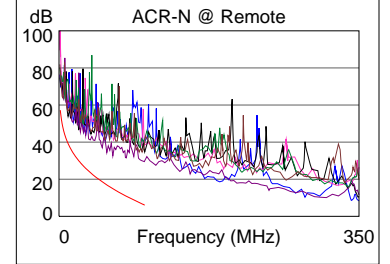
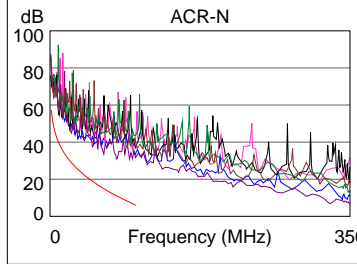
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.3	4.8	5.3	6.0
Freq. (MHz)	77.8	62.5	78.0	96.8
Limit (dB)	32.0	33.6	31.9	30.3
Worst Pair	36	45	45	45
<b>PS NEXT (dB)</b>	7.7	7.6	8.8	7.6
Freq. (MHz)	62.0	62.5	96.8	96.8
Limit (dB)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



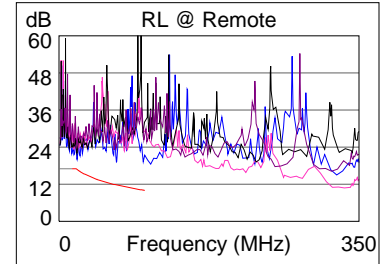
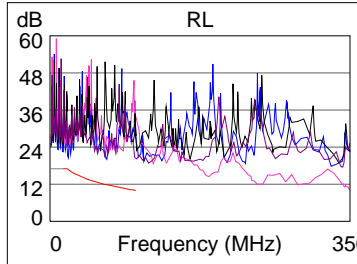
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	36-45
<b>ACR-F (dB)</b>	6.8	6.8	9.0	9.2
Freq. (MHz)	1.0	1.0	98.0	97.8
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	36	36	45
<b>PS ACR-F (dB)</b>	9.4	9.4	11.6	11.3
Freq. (MHz)	1.0	1.0	98.0	97.8
Limit (dB)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



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



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



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



### Cable ID: D2-28

### Test Summary: PASS

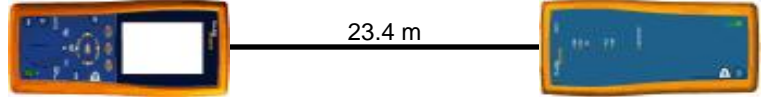
Date / Time: 08/25/2009 09:54:29am  
**Headroom: 4.3 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

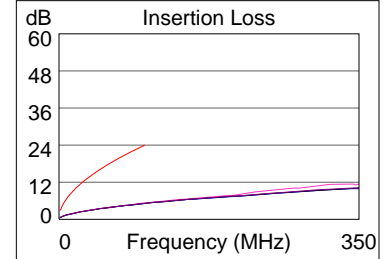
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

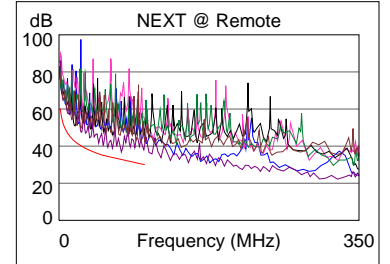
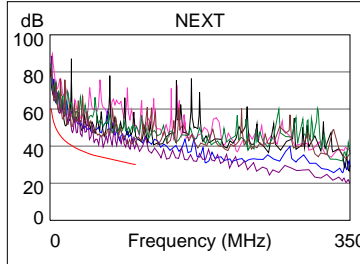
**PASS**



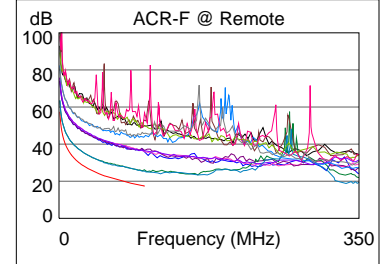
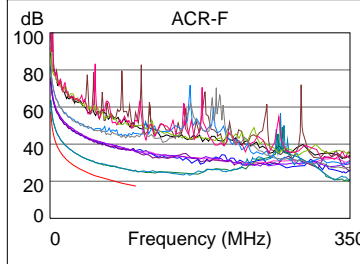
Length (m), Limit 100.0	[Pair 78]	23.4
Prop. Delay (ns), Limit 555		115
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	4.6
Insertion Loss Margin (dB)	[Pair 36]	18.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



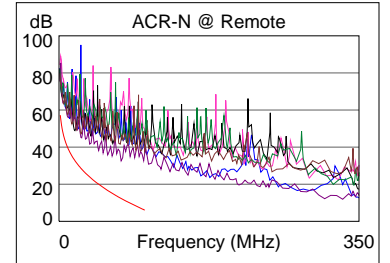
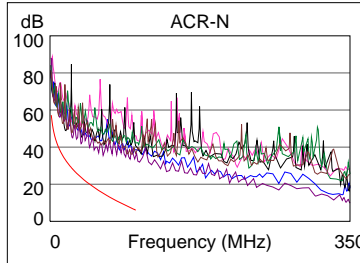
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.9	4.3	7.5	4.3
Freq. (MHz)	62.0	72.8	93.0	72.8
Limit (dB)	33.6	32.5	30.6	32.5
Worst Pair	45	36	36	36
<b>PS NEXT (dB)</b>	8.1	7.0	9.7	7.0
Freq. (MHz)	25.9	72.8	98.0	72.8
Limit (dB)	37.1	29.5	27.2	29.5



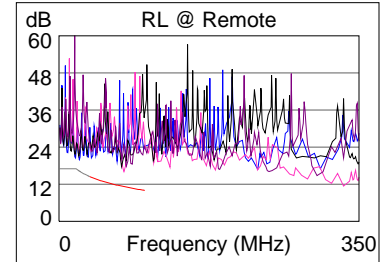
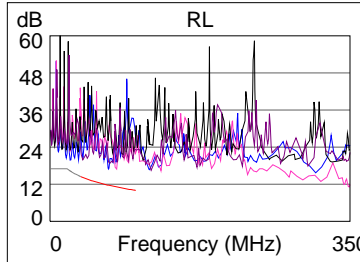
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.1	6.0	7.8	7.7
Freq. (MHz)	1.1	1.1	97.0	97.5
Limit (dB)	56.4	56.4	17.7	17.6
Worst Pair	36	36	45	36
<b>PS ACR-F (dB)</b>	8.7	8.8	10.4	10.6
Freq. (MHz)	1.0	1.0	97.0	97.5
Limit (dB)	54.4	54.4	14.7	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-78	36-45	36-45
<b>ACR-N (dB)</b>	15.1	15.9	25.7	20.2
Freq. (MHz)	1.8	17.9	93.0	72.8
Limit (dB)	56.4	33.2	7.5	12.3
Worst Pair	78	78	36	36
<b>PS ACR-N (dB)</b>	15.6	15.4	28.2	28.5
Freq. (MHz)	3.6	2.3	98.0	98.8
Limit (dB)	47.0	51.3	3.5	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	36	36	36
<b>RL (dB)</b>	5.2	4.9	5.4	4.9
Freq. (MHz)	68.3	75.8	77.0	75.8
Limit (dB)	11.7	11.2	11.1	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: D2-27

### Test Summary: PASS

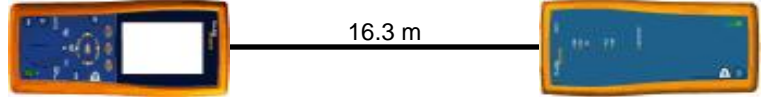
Date / Time: 08/21/2009 08:53:26am  
**Headroom: 3.5 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

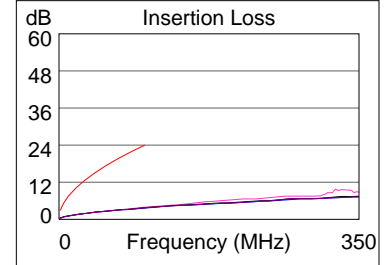
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

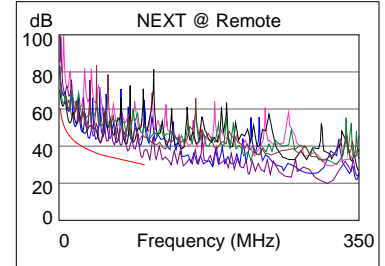
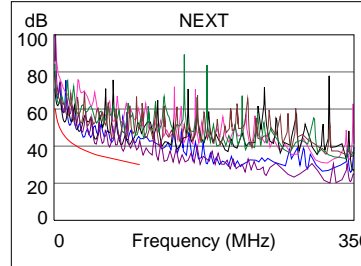
**PASS**



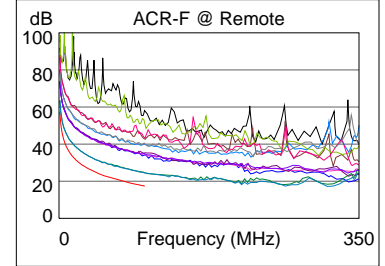
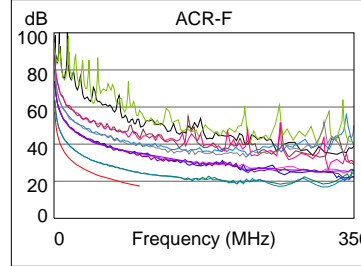
Length (m), Limit 100.0	[Pair 12]	16.3
Prop. Delay (ns), Limit 555		80
Delay Skew (ns), Limit 50		1
Resistance (ohms)	[Pair 12]	3.5
Insertion Loss Margin (dB)	[Pair 36]	19.9
Frequency (MHz)	[Pair 36]	98.8
Limit (dB)	[Pair 36]	23.8



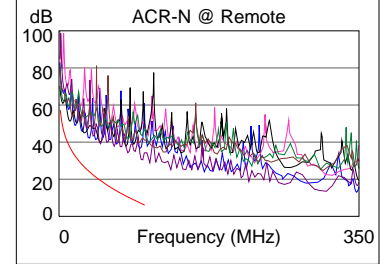
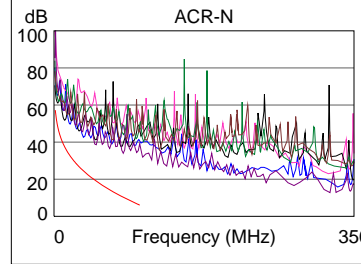
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.4	3.5	5.6	3.5
Freq. (MHz)	48.3	96.8	80.5	96.8
Limit (dB)	35.5	30.3	31.7	30.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.6	5.7	9.0	5.7
Freq. (MHz)	49.0	96.3	96.3	96.5
Limit (dB)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



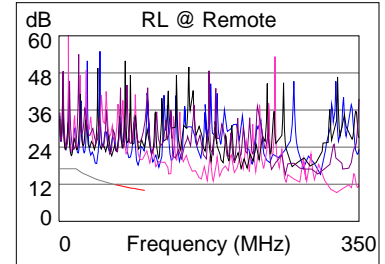
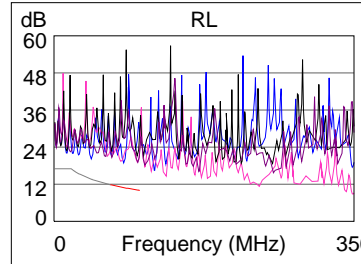
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.1	6.2	7.0	7.0
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	45	36
<b>PS ACR-F (dB)</b>	8.6	8.7	9.5	9.6
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	9.7	9.6	23.6	23.5
Freq. (MHz)	1.8	1.8	80.5	97.3
Limit (dB)	56.4	56.4	10.4	6.6
Worst Pair	78	78	36	36
<b>PS ACR-N (dB)</b>	11.4	11.2	28.8	25.4
Freq. (MHz)	2.1	2.1	96.3	96.5
Limit (dB)	51.8	51.8	3.8	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	8.0	7.8	8.0	7.8
Freq. (MHz)	81.3	91.8	81.3	91.8
Limit (dB)	10.9	10.4	10.9	10.4



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



### Cable ID: D2-26

### Test Summary: PASS

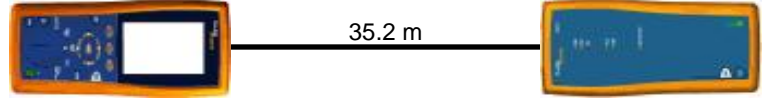
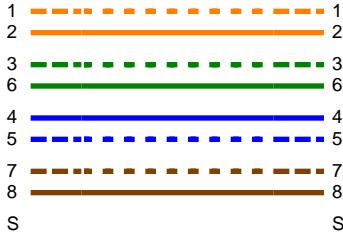
Date / Time: 08/20/2009 02:54:49pm  
**Headroom: 4.2 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

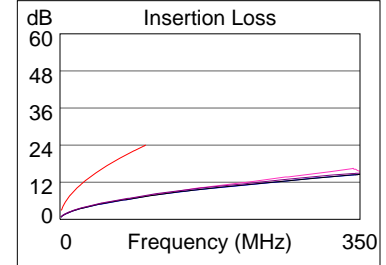
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

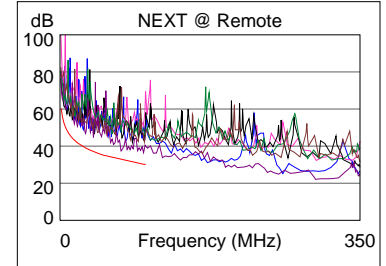
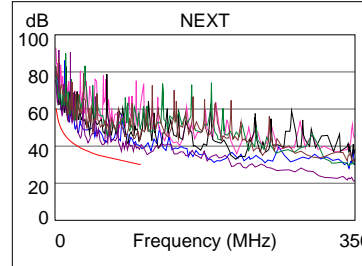
**PASS**



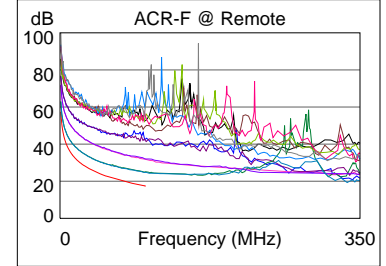
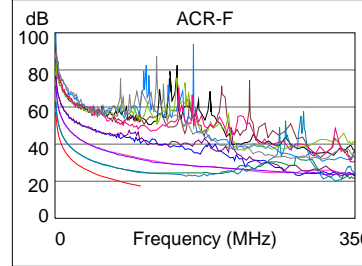
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.6
Insertion Loss Margin (dB)	[Pair 78]	16.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



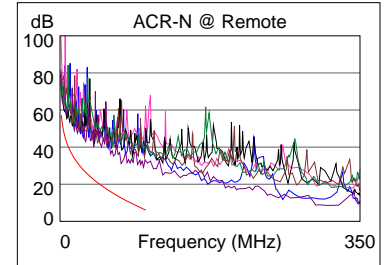
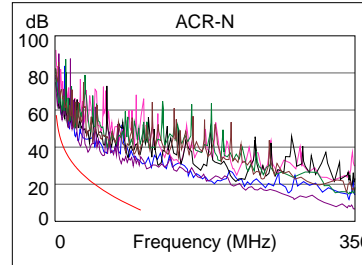
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.5	4.2	6.1	6.1
Freq. (MHz)	39.0	71.8	91.0	97.8
Limit (dB)	37.1	32.6	30.8	30.2
Worst Pair	36	36	36	45
<b>PS NEXT (dB)</b>	7.0	6.9	8.3	8.1
Freq. (MHz)	27.3	71.8	97.8	98.0
Limit (dB)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



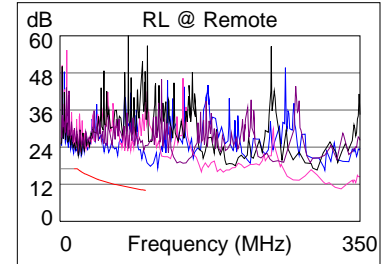
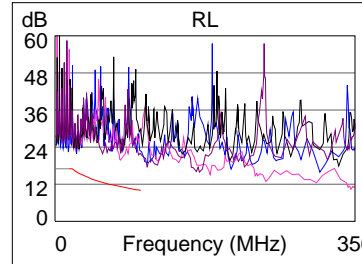
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	5.3	5.3	7.0	7.1
Freq. (MHz)	2.0	2.1	97.5	97.5
Limit (dB)	51.4	50.9	17.6	17.6
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	7.8	7.8	9.5	9.3
Freq. (MHz)	2.0	2.1	98.0	97.5
Limit (dB)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



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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	36	12
<b>RL (dB)</b>	5.8	4.3	8.3	10.0
Freq. (MHz)	24.9	21.6	76.0	95.5
Limit (dB)	16.1	16.7	11.2	10.2



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



### Cable ID: D2-25

### Test Summary: PASS

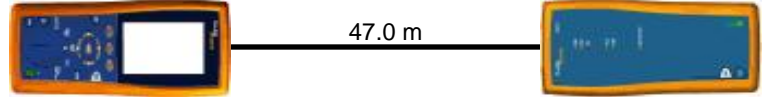
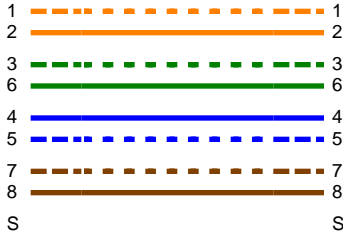
Date / Time: 08/21/2009 09:48:38am  
**Headroom: 4.8 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

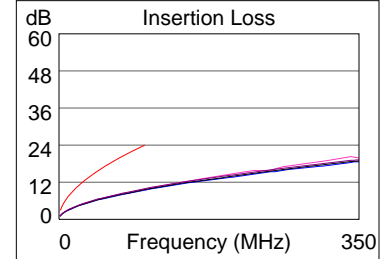
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

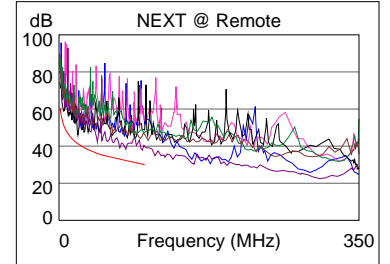
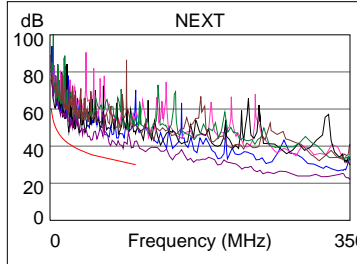
**PASS**



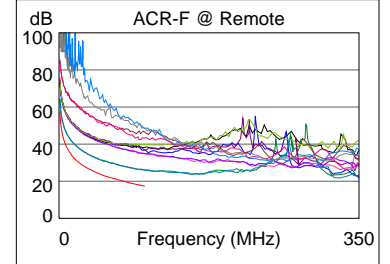
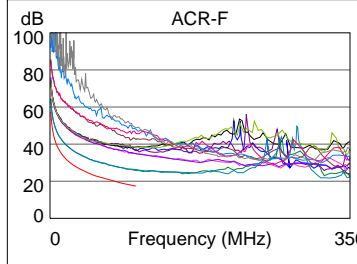
Length (m), Limit 100.0	[Pair 12]	47.0
Prop. Delay (ns), Limit 555		232
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	8.5
Insertion Loss Margin (dB)	[Pair 78]	14.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



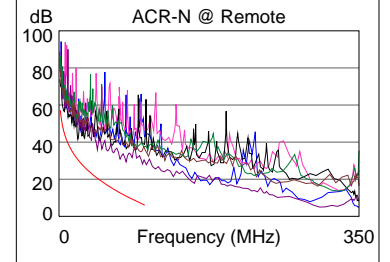
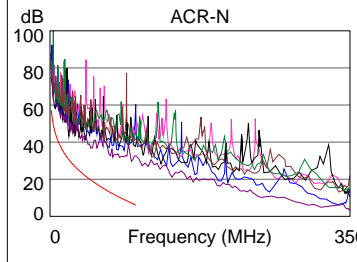
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>NEXT (dB)</b>	6.4	4.8	8.4	7.3
Freq. (MHz)	22.0	22.0	97.5	97.5
Limit (dB)	41.3	41.3	30.3	30.3
Worst Pair	12	12	36	45
<b>PS NEXT (dB)</b>	8.8	7.0	9.1	9.6
Freq. (MHz)	22.0	21.9	78.3	97.5
Limit (dB)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



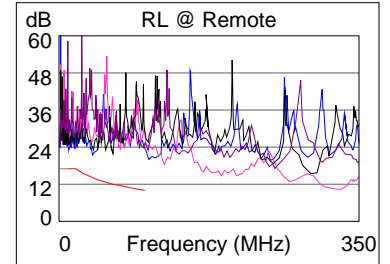
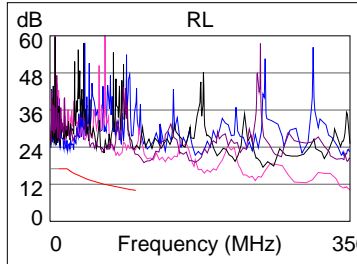
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	6.7	6.7	8.3	8.5
Freq. (MHz)	1.6	1.8	98.0	99.8
Limit (dB)	53.2	52.5	17.6	17.4
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	9.3	9.2	11.0	10.8
Freq. (MHz)	1.5	1.6	99.3	98.0
Limit (dB)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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	12.3	10.7	22.7	21.6
Freq. (MHz)	5.4	4.0	97.5	97.5
Limit (dB)	46.3	49.1	6.6	6.6
Worst Pair	78	78	36	45
<b>PS ACR-N (dB)</b>	14.2	12.3	25.3	23.9
Freq. (MHz)	5.6	5.3	97.3	97.5
Limit (dB)	42.8	43.5	3.6	3.6



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



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



### Cable ID: D2-24

### Test Summary: PASS

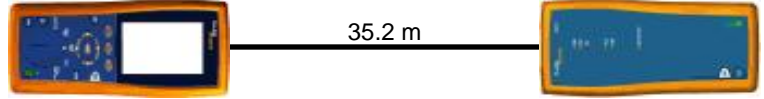
Date / Time: 08/20/2009 03:08:30pm  
**Headroom: 4.5 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

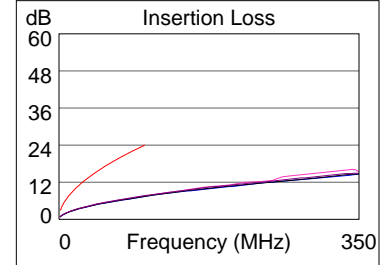
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

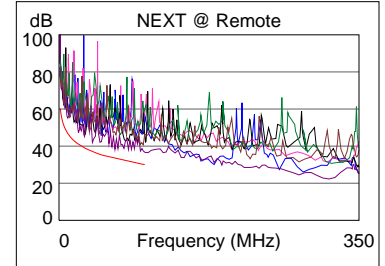
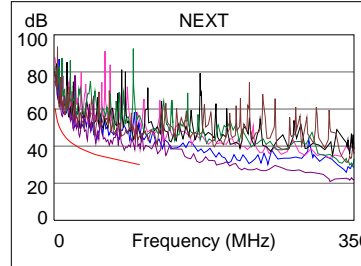
**PASS**



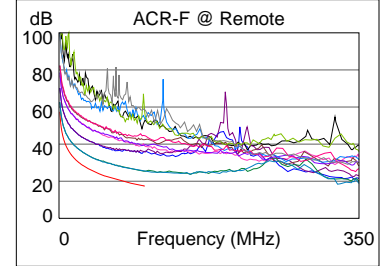
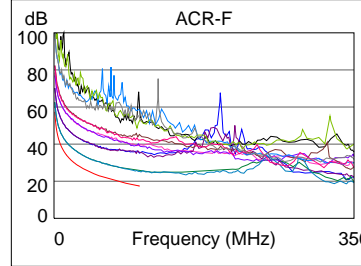
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		174
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.6
Insertion Loss Margin (dB)	[Pair 36]	16.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



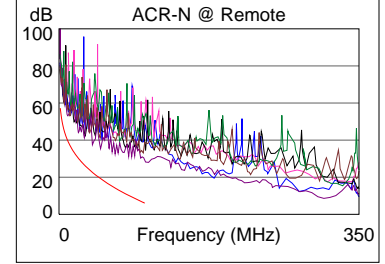
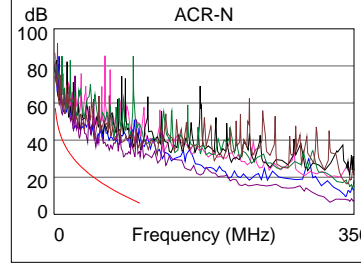
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.6	4.5	5.6	6.6
Freq. (MHz)	81.3	39.5	81.3	98.0
Limit (dB)	31.6	37.0	31.6	30.2
Worst Pair	36	45	45	45
<b>PS NEXT (dB)</b>	7.9	7.1	8.1	8.0
Freq. (MHz)	48.8	39.3	81.3	98.0
Limit (dB)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



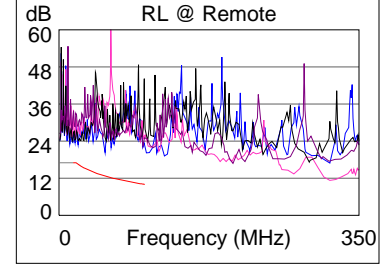
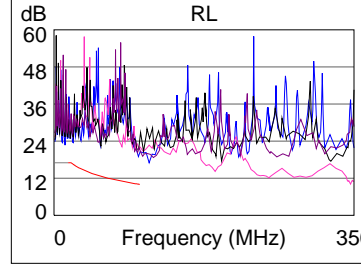
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	5.2	5.2	7.7	7.9
Freq. (MHz)	1.0	1.0	98.5	98.8
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	7.5	7.6	10.2	10.5
Freq. (MHz)	1.0	1.0	98.5	99.3
Limit (dB)	54.4	54.4	14.5	14.5



	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

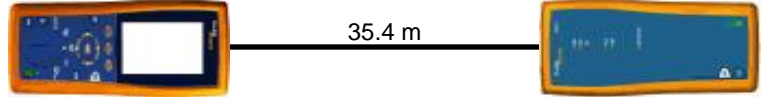
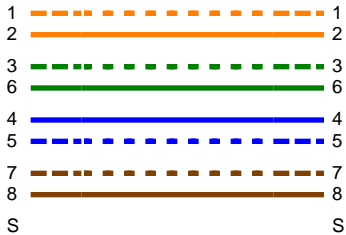
Date / Time: 08/21/2009 10:30:35am  
**Headroom: 4.5 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

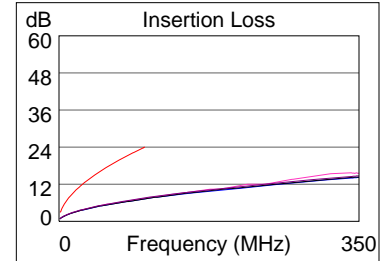
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

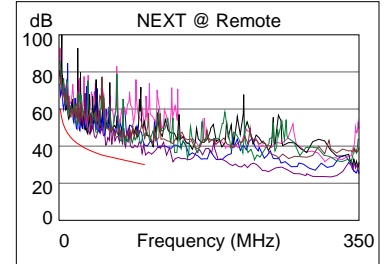
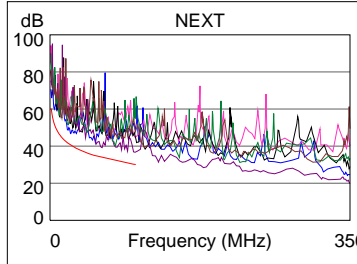
**PASS**



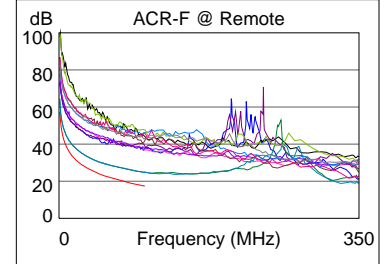
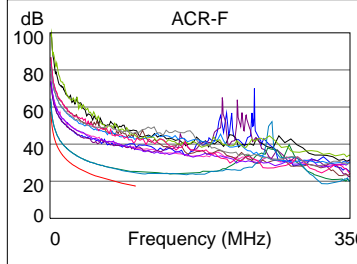
Length (m), Limit 100.0	[Pair 12]	35.4
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	6.6
Insertion Loss Margin (dB)	[Pair 36]	16.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



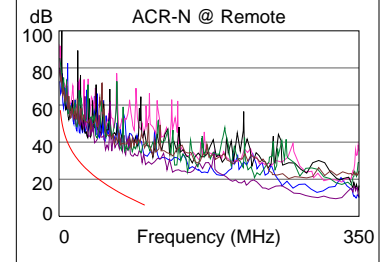
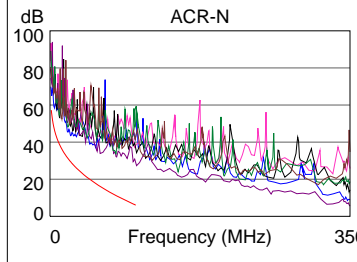
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.5	5.0	4.5	5.0
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	30.1	30.1	30.1	30.1
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	6.6	6.8	6.8	6.8
Freq. (MHz)	54.0	100.0	100.0	100.0
Limit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



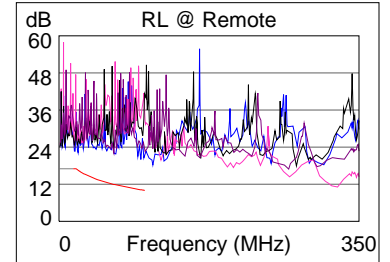
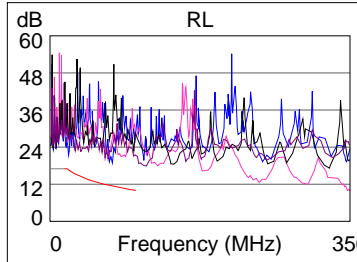
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	45-36
<b>ACR-F (dB)</b>	5.1	5.1	7.0	7.3
Freq. (MHz)	2.0	2.0	97.8	99.8
Limit (dB)	51.4	51.4	17.6	17.4
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	7.9	7.8	9.8	9.7
Freq. (MHz)	2.0	2.0	97.8	97.8
Limit (dB)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



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



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



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





### Cable ID: D2-22

### Test Summary: PASS

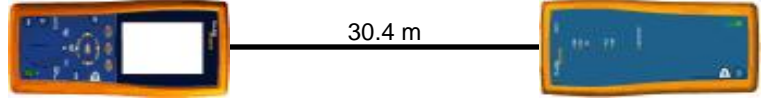
Date / Time: 08/20/2009 02:47:59pm  
**Headroom: 3.9 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

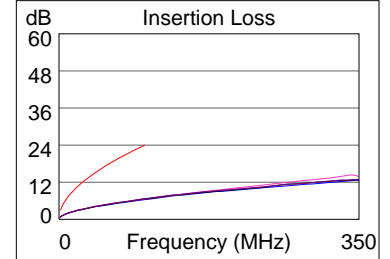
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

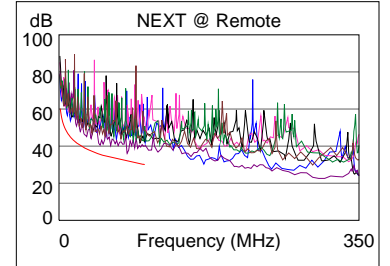
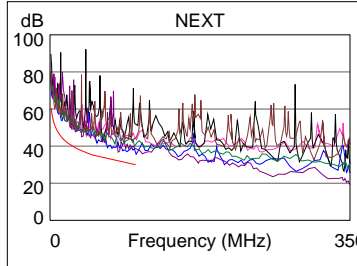
**PASS**



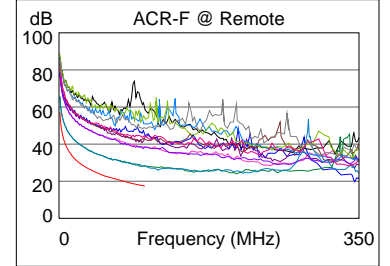
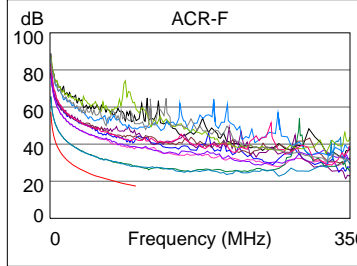
Length (m), Limit 100.0	[Pair 12]	30.4
Prop. Delay (ns), Limit 555		150
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 78]	17.3
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



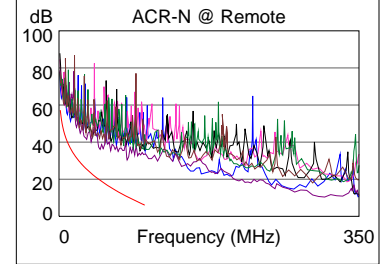
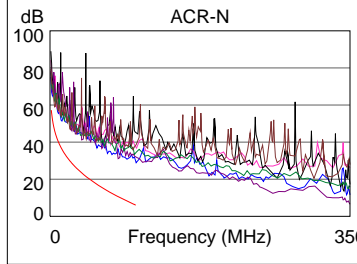
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	12-36	36-45
<b>NEXT (dB)</b>	4.3	3.9	5.7	3.9
Freq. (MHz)	80.3	79.8	100.0	80.0
Limit (dB)	31.7	31.8	30.1	31.7
Worst Pair	36	45	36	36
<b>PS NEXT (dB)</b>	5.6	6.5	5.6	6.6
Freq. (MHz)	80.5	47.0	100.0	80.0
Limit (dB)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



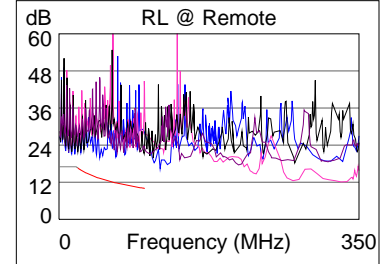
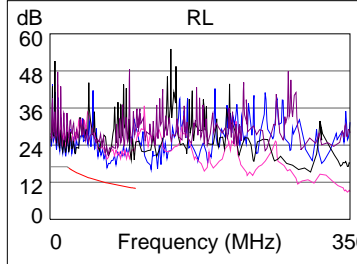
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	36-45
<b>ACR-F (dB)</b>	8.2	8.2	10.1	10.1
Freq. (MHz)	1.0	1.0	94.0	94.0
Limit (dB)	57.4	57.4	17.9	17.9
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	11.0	10.9	12.7	12.7
Freq. (MHz)	1.1	1.0	94.0	94.5
Limit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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	12-36	36-45
<b>ACR-N (dB)</b>	10.8	11.0	23.1	19.4
Freq. (MHz)	1.8	2.4	100.0	80.0
Limit (dB)	56.4	53.8	6.1	10.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	10.8	12.3	23.0	22.1
Freq. (MHz)	1.8	2.1	100.0	80.3
Limit (dB)	53.4	51.8	3.1	7.4



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



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



## Cable ID: D2-21

## Test Summary: PASS

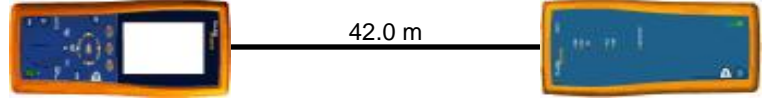
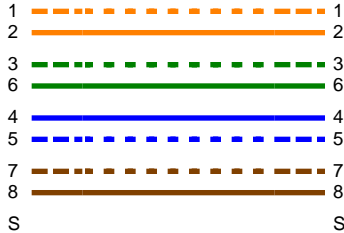
Date / Time: 08/25/2009 03:09:58pm  
**Headroom: 4.9 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

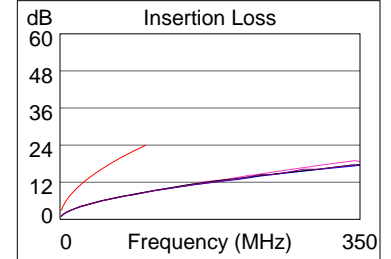
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

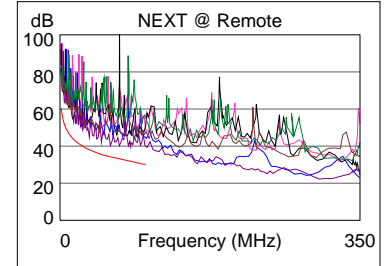
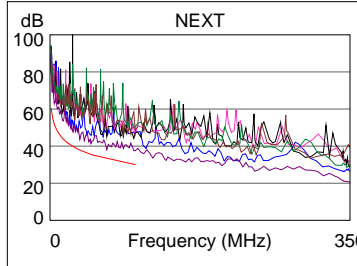
**PASS**



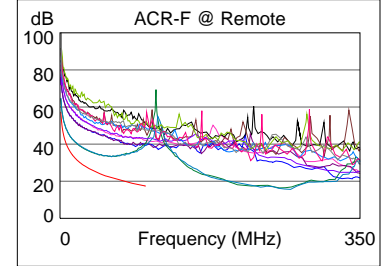
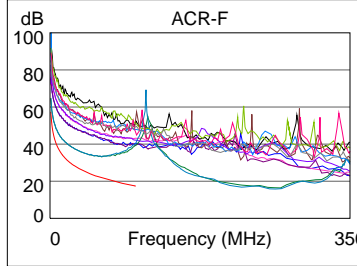
Length (m), Limit 100.0	[Pair 78]	42.0
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 36]	15.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



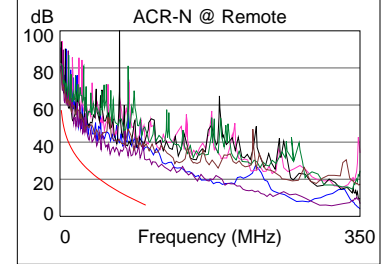
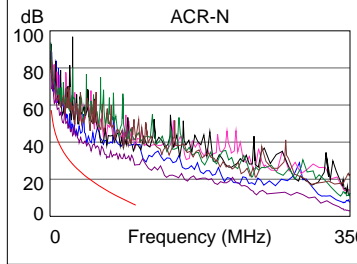
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.9	6.1	6.1	9.2
Freq. (MHz)	66.3	58.5	98.5	98.5
Limit (dB)	33.2	34.1	30.2	30.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.4	8.3	8.6	10.9
Freq. (MHz)	48.0	58.5	98.3	98.5
Limit (dB)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



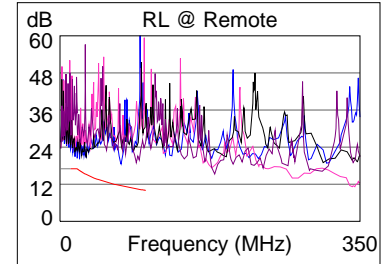
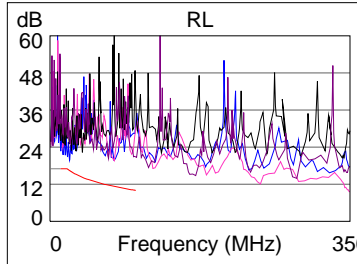
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	36-45
<b>ACR-F (dB)</b>	6.6	6.6	11.3	10.9
Freq. (MHz)	1.4	1.4	60.3	57.0
Limit (dB)	54.6	54.6	21.8	22.3
Worst Pair	36	45	36	36
<b>PS ACR-F (dB)</b>	9.2	9.3	14.1	13.8
Freq. (MHz)	1.4	1.4	62.5	60.3
Limit (dB)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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	13.9	14.6	21.1	24.2
Freq. (MHz)	4.9	5.3	98.5	98.5
Limit (dB)	47.2	46.5	6.4	6.4
Worst Pair	36	45	36	36
<b>PS ACR-N (dB)</b>	16.2	15.9	23.6	25.9
Freq. (MHz)	2.5	5.6	98.3	98.5
Limit (dB)	50.4	42.8	3.4	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	36	12
<b>RL (dB)</b>	3.3	3.4	8.1	6.9
Freq. (MHz)	22.8	20.1	74.5	71.5
Limit (dB)	16.4	17.0	11.3	11.5



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



### Cable ID: D2-20

### Test Summary: PASS

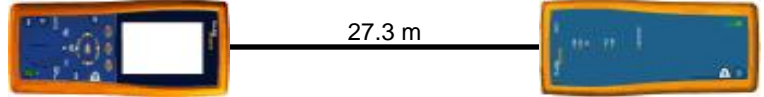
Date / Time: 08/24/2009 02:33:00pm  
**Headroom: 3.3 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

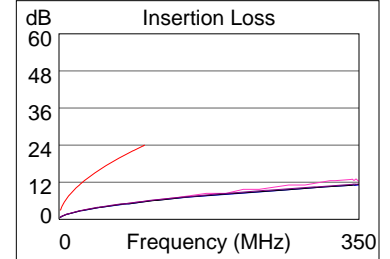
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

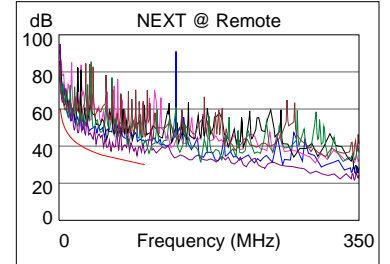
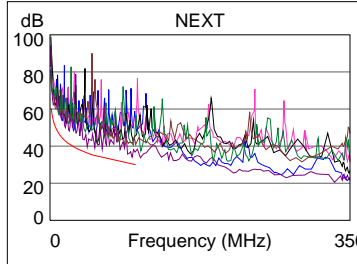
**PASS**



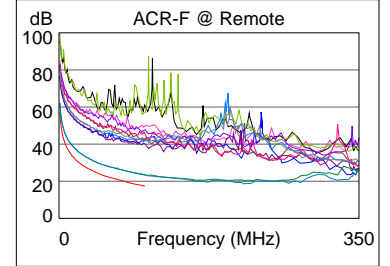
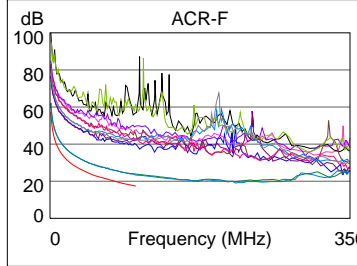
Length (m), Limit 100.0	[Pair 12]	27.3
Prop. Delay (ns), Limit 555		136
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 36]	18.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



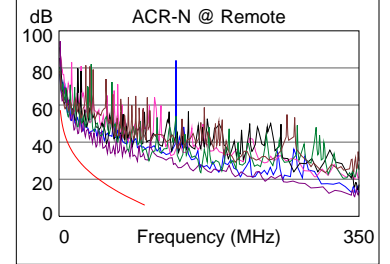
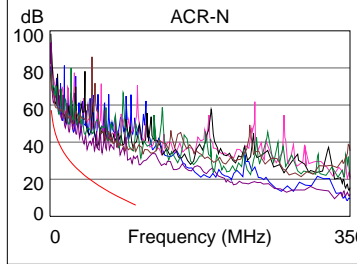
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.3	3.4	3.7	4.1
Freq. (MHz)	43.5	60.8	95.5	91.0
Limit (dB)	36.3	33.8	30.4	30.8
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	5.8	5.9	5.8	6.2
Freq. (MHz)	43.5	60.8	95.5	91.3
Limit (dB)	33.3	30.8	27.4	27.8



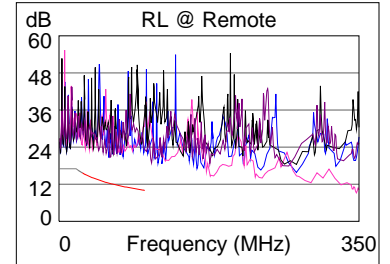
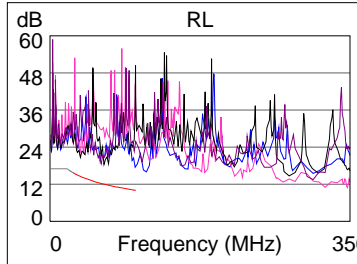
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	4.8	4.8	5.9	5.8
Freq. (MHz)	1.0	1.0	99.3	99.3
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	7.6	7.6	8.7	8.8
Freq. (MHz)	1.0	1.0	99.3	99.3
Limit (dB)	54.4	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	11.6	12.1	21.5	21.5
Freq. (MHz)	3.8	3.1	95.5	91.0
Limit (dB)	49.7	51.4	7.0	8.0
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.7	12.4	23.6	23.6
Freq. (MHz)	2.9	2.5	95.8	91.3
Limit (dB)	49.1	50.4	4.0	4.9



	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	45	78	12	12
<b>RL (dB)</b>	6.0	8.0	6.3	8.2
Freq. (MHz)	63.5	60.0	100.0	62.8
Limit (dB)	12.0	12.2	10.0	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: D2-17

### Test Summary: PASS

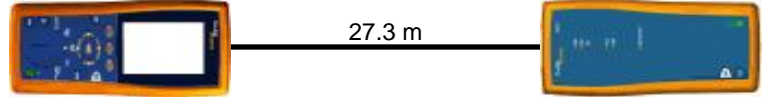
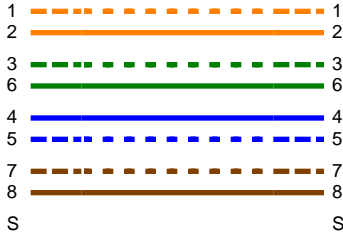
Date / Time: 08/24/2009 03:24:48pm  
**Headroom: 4.9 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

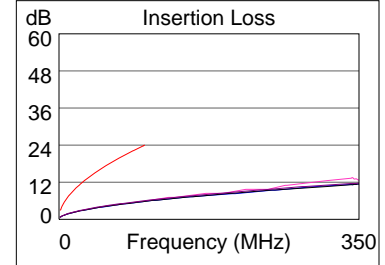
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

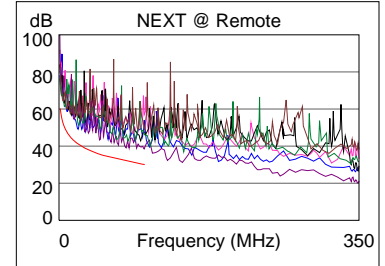
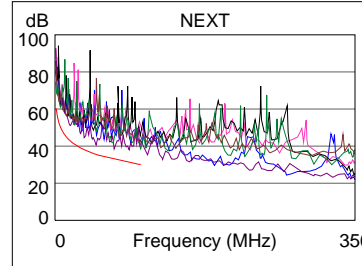
**PASS**



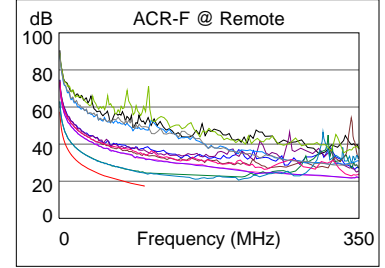
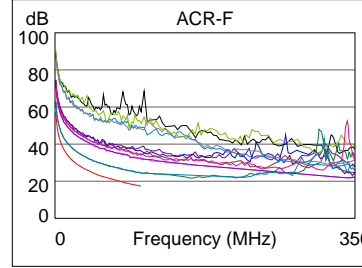
Length (m), Limit 100.0	[Pair 12]	27.3
Prop. Delay (ns), Limit 555		136
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.2
Insertion Loss Margin (dB)	[Pair 36]	18.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



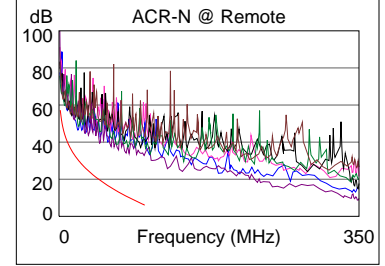
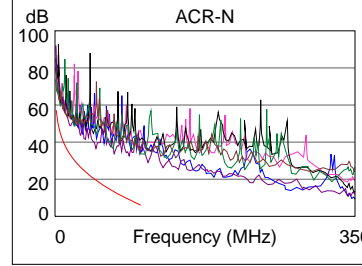
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.9	6.5	6.8	8.2
Freq. (MHz)	47.8	77.5	86.3	98.8
Limit (dB)	35.6	32.0	31.2	30.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.6	8.4	7.8	9.3
Freq. (MHz)	47.8	47.8	100.0	90.0
Limit (dB)	32.6	32.6	27.1	27.9



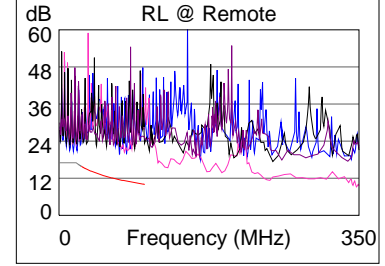
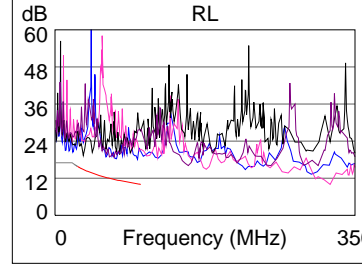
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	5.6	5.5	6.9	6.9
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	7.9	7.9	9.2	9.3
Freq. (MHz)	1.0	1.0	100.0	99.8
Limit (dB)	54.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-78	36-78	36-45	36-45
<b>ACR-N (dB)</b>	11.6	13.2	23.6	26.4
Freq. (MHz)	1.6	2.3	86.5	98.8
Limit (dB)	56.9	54.3	9.0	6.3
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.4	13.8	25.8	26.5
Freq. (MHz)	1.8	2.3	100.0	90.3
Limit (dB)	53.4	51.3	3.1	5.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	45	12	12
<b>RL (dB)</b>	4.6	7.1	6.2	8.3
Freq. (MHz)	33.0	32.8	70.8	70.5
Limit (dB)	14.8	14.9	11.5	11.5



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



## Cable ID: D2-16

## Test Summary: PASS

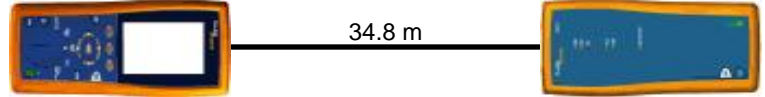
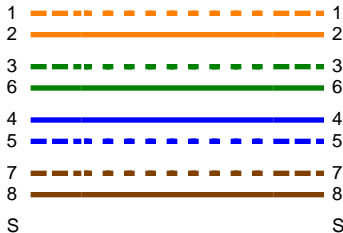
Date / Time: 08/24/2009 02:35:14pm  
**Headroom: 5.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

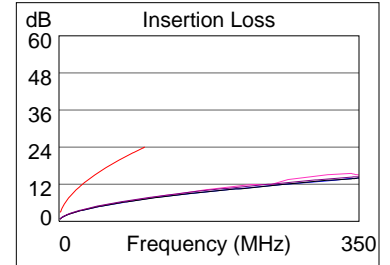
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

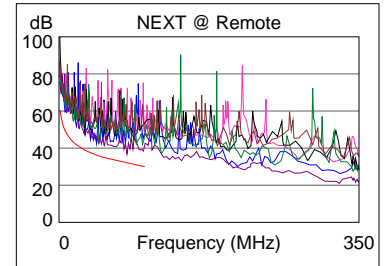
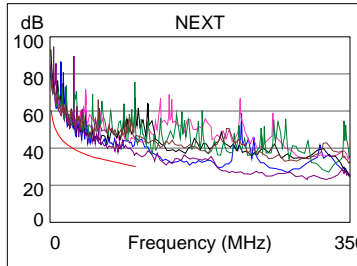
**PASS**



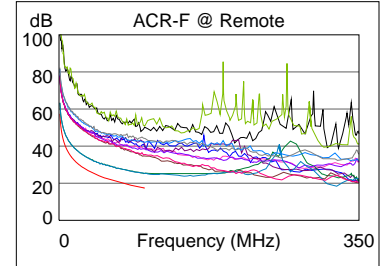
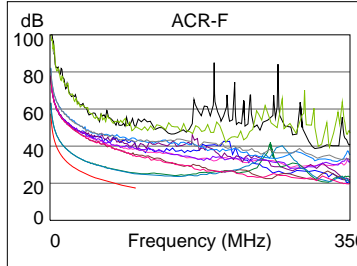
Length (m), Limit 100.0	[Pair 12]	34.8
Prop. Delay (ns), Limit 555		173
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 36]	16.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



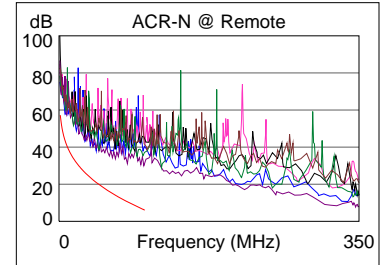
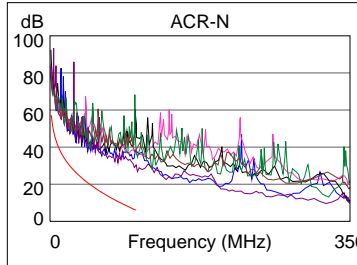
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.1	5.1	5.1	5.1
Freq. (MHz)	99.0	79.3	99.3	79.3
Limit (dB)	30.2	31.8	30.1	31.8
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	6.5	6.5	7.2	8.7
Freq. (MHz)	46.5	46.8	99.3	99.0
Limit (dB)	32.8	32.7	27.1	27.2



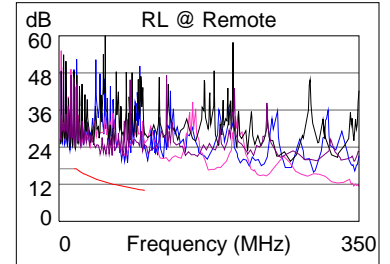
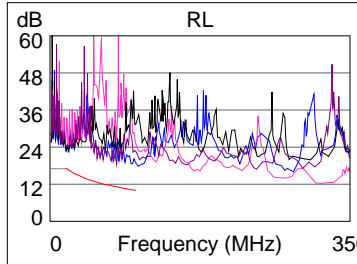
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	36-45
<b>ACR-F (dB)</b>	5.8	5.8	7.5	7.7
Freq. (MHz)	2.1	1.6	99.0	99.0
Limit (dB)	50.9	53.2	17.5	17.5
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	8.4	8.4	10.0	10.2
Freq. (MHz)	2.1	2.1	100.0	99.3
Limit (dB)	47.9	47.9	14.4	14.5



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-36	36-45	36-45
<b>ACR-N (dB)</b>	15.4	13.9	21.9	23.7
Freq. (MHz)	2.0	1.8	99.3	99.0
Limit (dB)	55.3	56.4	6.2	6.3
Worst Pair	36	36	45	36
<b>PS ACR-N (dB)</b>	15.0	13.6	24.0	25.3
Freq. (MHz)	2.1	1.8	99.3	99.0
Limit (dB)	51.8	53.4	3.2	3.3



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	45	78	12
<b>RL (dB)</b>	5.4	6.4	7.4	7.6
Freq. (MHz)	21.6	19.1	77.8	73.5
Limit (dB)	16.7	17.0	11.1	11.3



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



### Cable ID: D2-14

### Test Summary: FAIL

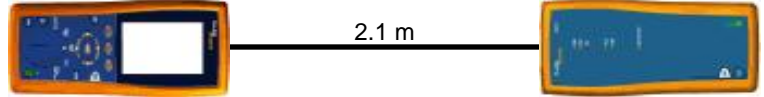
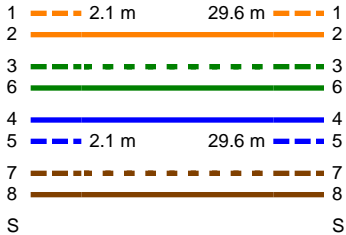
Date / Time: 08/24/2009 02:38:33pm  
 Headroom: **-32.7 dB (NEXT 12-45)**  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

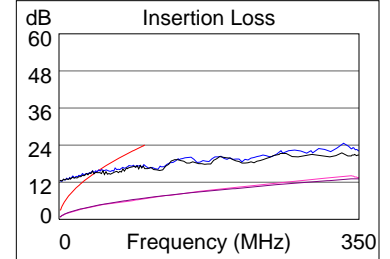
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

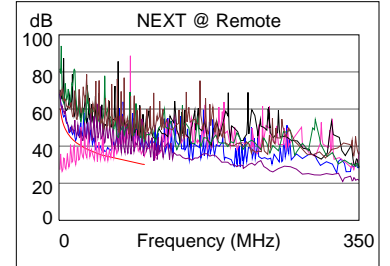
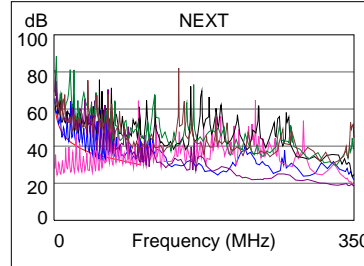
**FAIL**



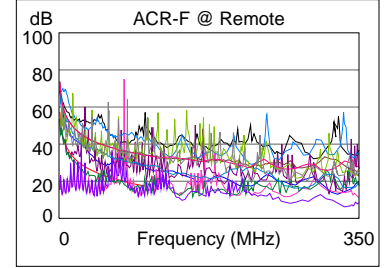
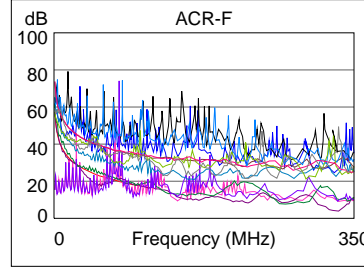
Length (m), Limit 100.0	[Pair 12]	2.1
Prop. Delay (ns), Limit 555		157
Delay Skew (ns), Limit 50		<b>147 F</b>
Resistance (ohms)	[Pair 12]	Open
Insertion Loss Margin (dB)	[Pair 45]	<b>-9.6 F</b>
Frequency (MHz)	[Pair 45]	1.9
Limit (dB)	[Pair 45]	3.0



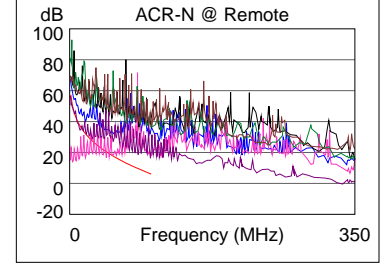
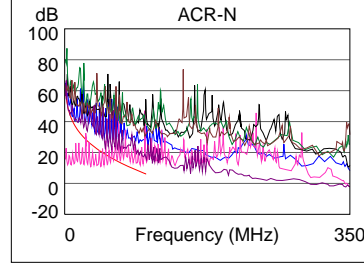
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12-45	12-45	12-45	12-45
<b>NEXT (dB)</b>	<b>-32.1 F</b>	<b>-32.7 F</b>	-29.8	-27.6
Freq. (MHz)	1.0	1.0	3.6	3.9
Limit (dB)	60.0	60.0	54.2	53.8
Worst Pair	12	12	12	12
<b>PS NEXT (dB)</b>	<b>-29.1 F</b>	<b>-29.7 F</b>	-26.8	-24.6
Freq. (MHz)	1.0	1.0	3.6	3.9
Limit (dB)	57.0	57.0	51.2	50.8



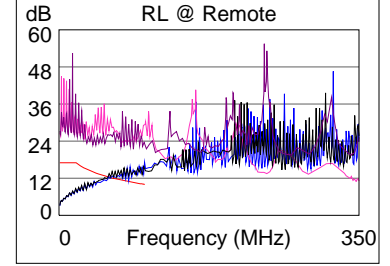
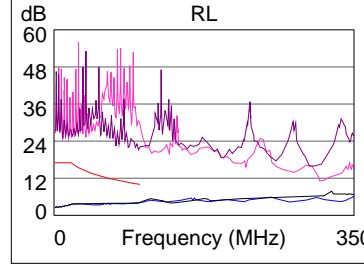
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12-45	12-45	45-12	12-45
<b>ACR-F (dB)</b>	<b>-42.1 F</b>	<b>-42.1 F</b>	-7.0	-6.2
Freq. (MHz)	1.0	1.0	92.5	96.0
Limit (dB)	57.4	57.4	18.1	17.8
Worst Pair	12	12	12	45
<b>PS ACR-F (dB)</b>	<b>-39.1 F</b>	<b>-39.1 F</b>	-4.8	-4.1
Freq. (MHz)	1.0	1.0	92.5	92.5
Limit (dB)	54.4	54.4	15.1	15.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-45	12-45	12-45	12-45
<b>ACR-N (dB)</b>	<b>-41.5</b>	<b>-42.1</b>	-11.7	-35.7
Freq. (MHz)	1.0	1.0	40.3	3.9
Limit (dB)	57.0	57.0	22.1	49.4
Worst Pair	12	12	12	12
<b>PS ACR-N (dB)</b>	<b>-38.5</b>	<b>-39.1</b>	-9.2	-32.7
Freq. (MHz)	1.0	1.0	40.3	3.9
Limit (dB)	54.0	54.0	19.1	46.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	<b>-14.6 F</b>	<b>-13.9 F</b>	-14.6	-13.9
Freq. (MHz)	1.1	1.0	1.1	1.0
Limit (dB)	17.0	17.0	17.0	17.0





### Cable ID: D2-13

### Test Summary: PASS

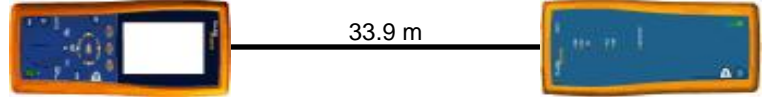
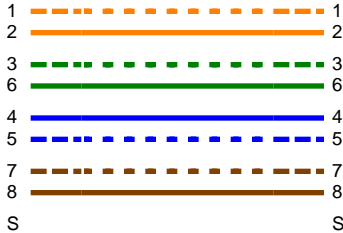
Date / Time: 08/24/2009 02:37:25pm  
**Headroom: 5.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

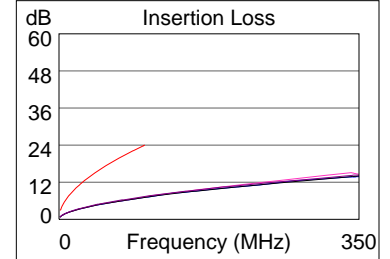
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

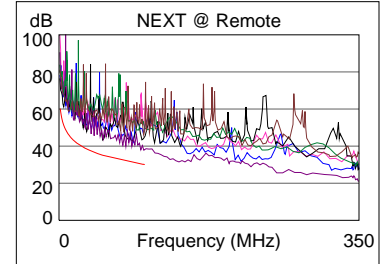
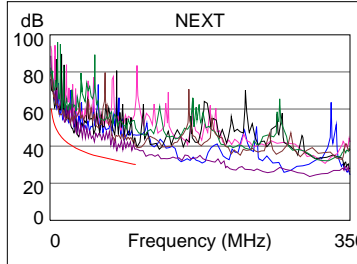
**PASS**



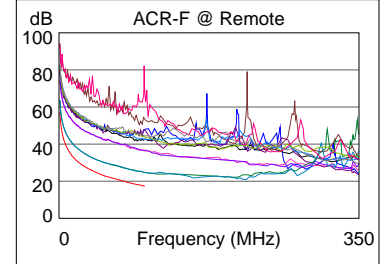
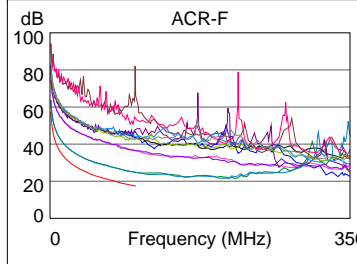
Length (m), Limit 100.0	[Pair 12]	33.9
Prop. Delay (ns), Limit 555		167
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 78]	6.3
Insertion Loss Margin (dB)	[Pair 78]	16.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



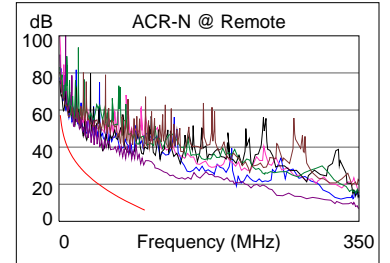
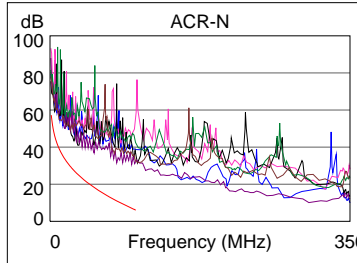
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.6	7.2	5.6	7.2
Freq. (MHz)	78.0	95.0	78.0	98.5
Limit (dB)	31.9	30.5	31.9	30.2
Worst Pair	12	45	45	45
<b>PS NEXT (dB)</b>	8.0	9.5	9.0	9.5
Freq. (MHz)	32.3	98.5	98.8	98.5
Limit (dB)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



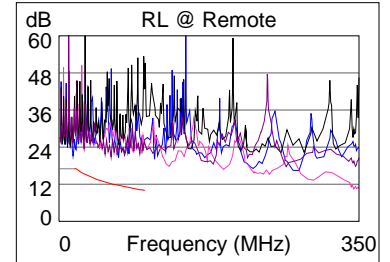
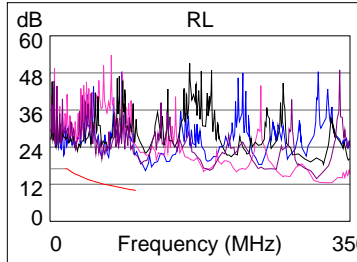
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	6.0	6.1	7.1	7.2
Freq. (MHz)	1.1	1.1	99.0	99.0
Limit (dB)	56.4	56.4	17.5	17.5
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	8.7	8.8	9.9	9.8
Freq. (MHz)	2.1	1.1	98.3	99.0
Limit (dB)	47.9	53.4	14.6	14.5



	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: D2-11

## Test Summary: PASS

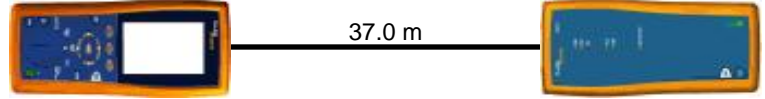
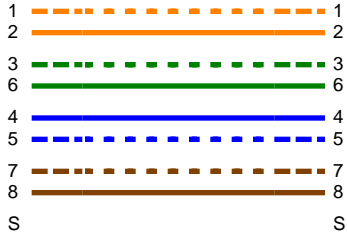
Date / Time: 08/24/2009 02:31:56pm  
**Headroom: 4.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

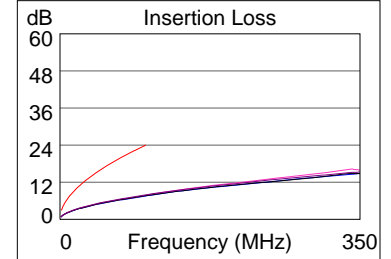
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

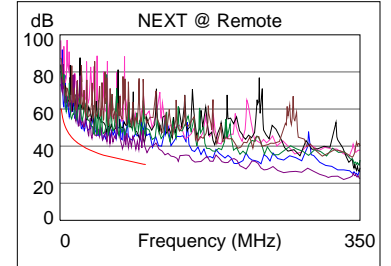
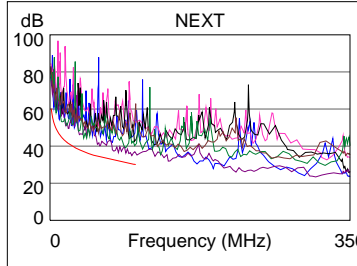
**PASS**



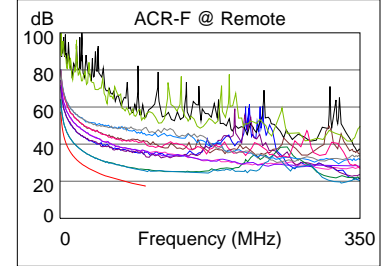
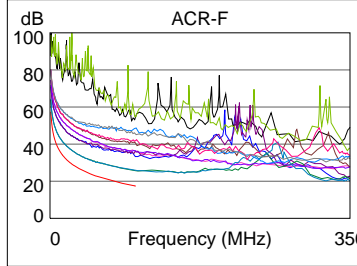
Length (m), Limit 100.0	[Pair 12]	37.0
Prop. Delay (ns), Limit 555		184
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.7
Insertion Loss Margin (dB)	[Pair 78]	16.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



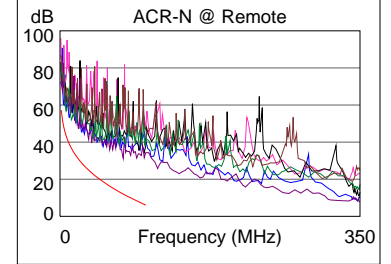
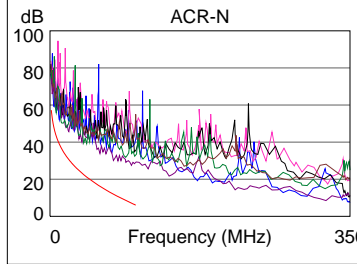
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.1	5.1	4.4	5.1
Freq. (MHz)	73.5	73.3	95.3	73.3
Limit (dB)	32.4	32.4	30.4	32.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.1	7.2	6.3	7.5
Freq. (MHz)	89.0	43.3	95.3	73.0
Limit (dB)	28.0	33.3	27.4	29.4



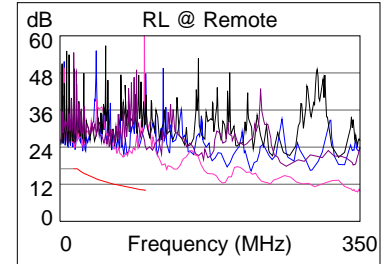
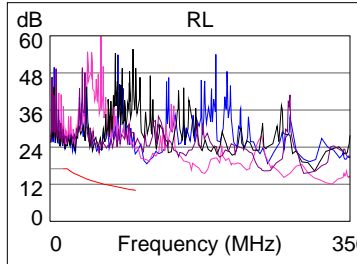
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	6.1	6.2	8.1	7.9
Freq. (MHz)	1.9	1.9	99.0	98.3
Limit (dB)	51.9	51.9	17.5	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	8.6	8.4	10.7	10.6
Freq. (MHz)	2.4	1.9	99.8	99.0
Limit (dB)	46.9	48.9	14.4	14.5



	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>	11.3	11.2	20.3	22.2
Freq. (MHz)	4.5	4.1	95.3	89.0
Limit (dB)	48.0	48.8	7.1	8.4
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.7	13.7	22.1	24.9
Freq. (MHz)	7.3	7.3	95.8	92.3
Limit (dB)	40.3	40.3	4.0	4.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	36
<b>RL (dB)</b>	6.2	6.1	11.8	9.0
Freq. (MHz)	17.8	17.8	99.3	72.8
Limit (dB)	17.0	17.0	10.0	11.4



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





## Cable ID: D2-10

## Test Summary: PASS

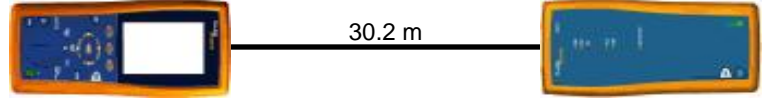
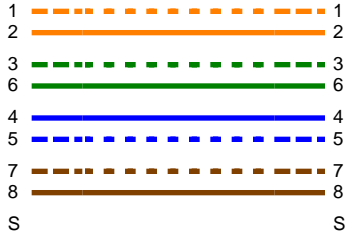
Date / Time: 08/24/2009 02:30:41pm  
**Headroom: 3.7 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

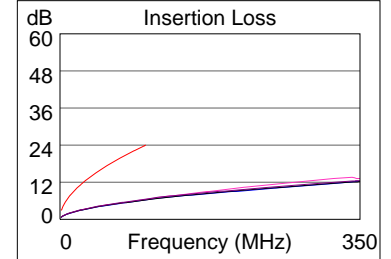
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

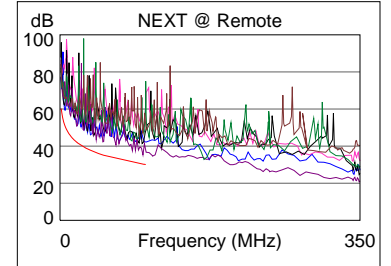
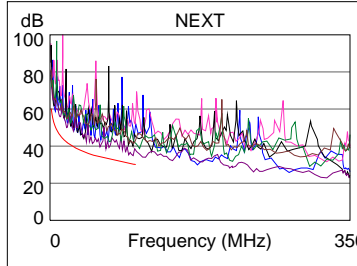
**PASS**



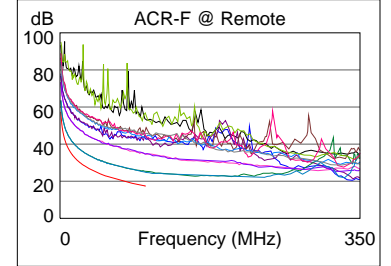
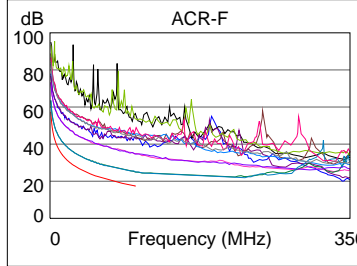
Length (m), Limit 100.0	[Pair 12]	30.2
Prop. Delay (ns), Limit 555		150
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 78]	17.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



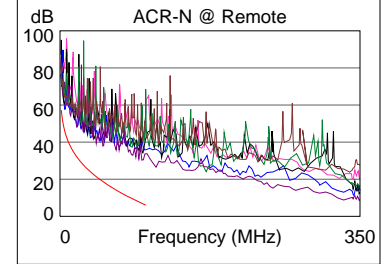
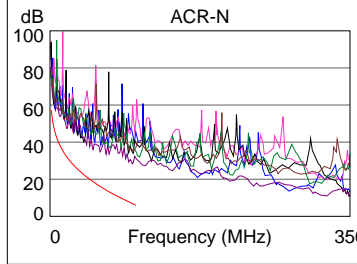
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.7	4.5	3.7	4.5
Freq. (MHz)	96.3	96.3	96.3	96.3
Limit (dB)	30.4	30.4	30.4	30.4
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	6.0	7.1	6.0	7.1
Freq. (MHz)	96.3	96.3	96.3	96.3
Limit (dB)	27.4	27.4	27.4	27.4



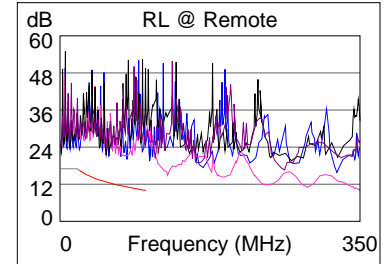
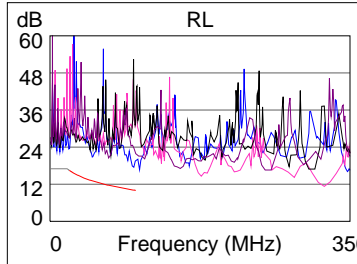
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	6.1	6.1	7.5	7.4
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	8.7	8.7	10.0	10.1
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	36-45	36-45
<b>ACR-N (dB)</b>	11.9	11.7	21.1	21.9
Freq. (MHz)	5.6	5.5	96.3	96.3
Limit (dB)	45.8	46.0	6.8	6.8
Worst Pair	36	12	45	36
<b>PS ACR-N (dB)</b>	12.8	12.9	23.4	24.4
Freq. (MHz)	5.6	5.0	96.3	96.3
Limit (dB)	42.8	44.0	3.8	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	6.9	8.6	6.9	9.0
Freq. (MHz)	96.8	57.0	97.0	78.0
Limit (dB)	10.2	12.5	10.1	11.1



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



### Cable ID: D2-09

### Test Summary: PASS

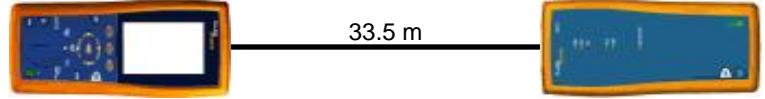
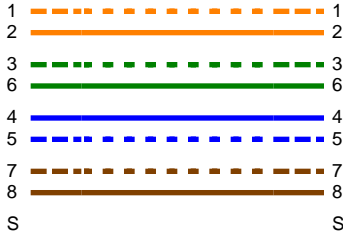
Date / Time: 08/24/2009 12:24:34pm  
**Headroom: 3.2 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

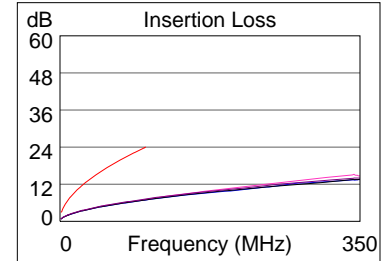
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

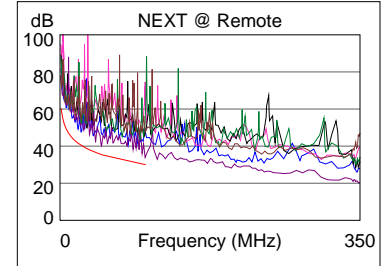
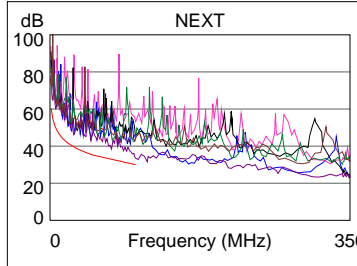
**PASS**



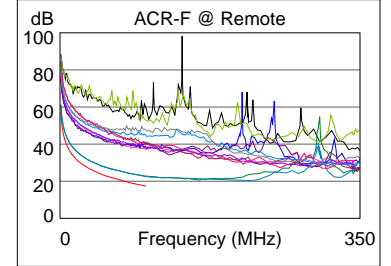
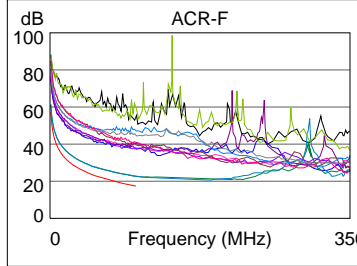
Length (m), Limit 100.0	[Pair 12]	33.5
Prop. Delay (ns), Limit 555		167
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.3
Insertion Loss Margin (dB)	[Pair 78]	16.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



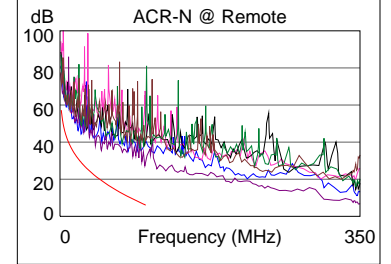
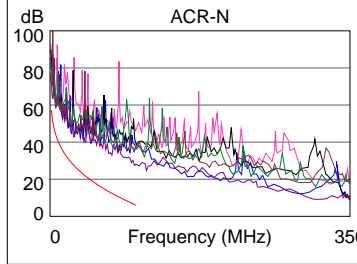
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.2	3.8	3.2	3.8
Freq. (MHz)	99.0	99.3	99.3	99.3
Limit (dB)	30.2	30.1	30.1	30.1
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	5.5	6.5	5.5	6.6
Freq. (MHz)	99.0	48.5	99.0	99.3
Limit (dB)	27.2	32.5	27.2	27.1



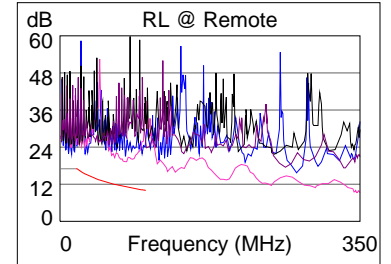
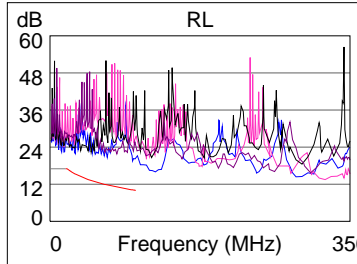
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	3.7	3.7	5.1	5.0
Freq. (MHz)	2.1	1.3	99.3	99.8
Limit (dB)	50.9	55.5	17.5	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	6.5	6.5	8.0	7.9
Freq. (MHz)	1.3	2.1	99.8	99.3
Limit (dB)	52.5	47.9	14.4	14.5



	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	13.5	20.2	20.8
Freq. (MHz)	2.5	2.5	99.3	99.3
Limit (dB)	53.4	53.4	6.2	6.2
Worst Pair	45	45	36	36
<b>PS ACR-N (dB)</b>	13.1	14.7	22.4	23.5
Freq. (MHz)	2.5	1.8	99.0	99.3
Limit (dB)	50.4	53.4	3.3	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	36
<b>RL (dB)</b>	6.2	6.4	8.7	7.8
Freq. (MHz)	29.1	29.4	100.0	77.0
Limit (dB)	15.4	15.3	10.0	11.1



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



**Cable ID: D2-08**

**Test Summary: FAIL**

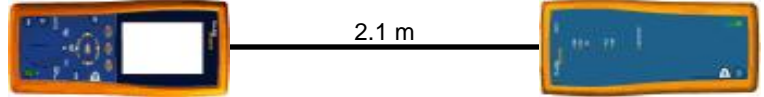
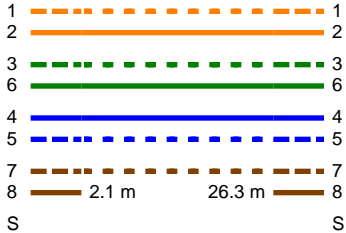
Date / Time: 08/24/2009 12:15:34pm  
 Headroom: -5.5 dB (NEXT 12-78)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

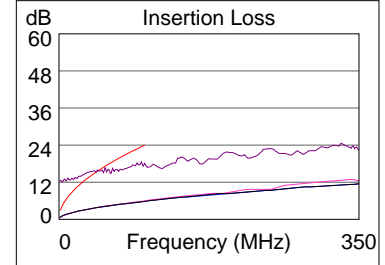
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

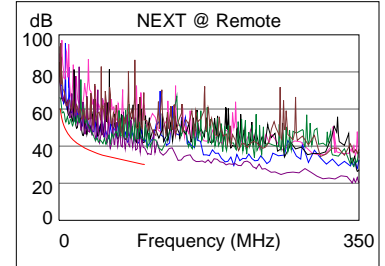
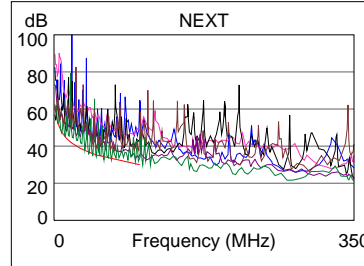
**FAIL**



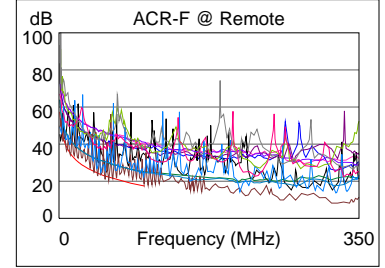
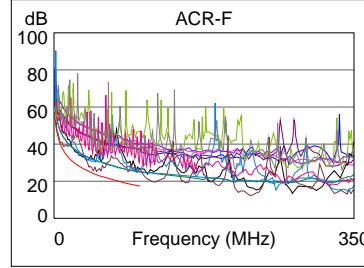
Length (m), Limit 100.0	[Pair 78]	2.1
Prop. Delay (ns), Limit 555		135
Delay Skew (ns), Limit 50		125 F
Resistance (ohms)	[Pair 78]	Open
Insertion Loss Margin (dB)	[Pair 78]	-9.6 F
Frequency (MHz)	[Pair 78]	1.9
Limit (dB)	[Pair 78]	3.0



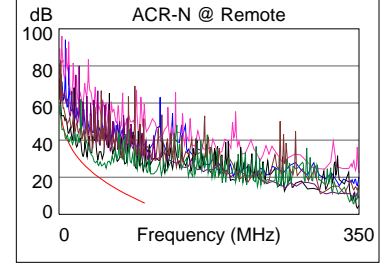
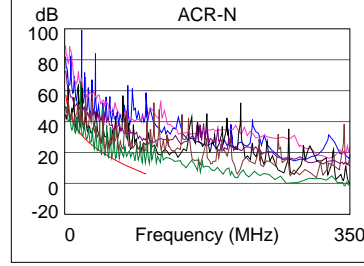
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12-78	36-78	36-78	36-45
<b>NEXT (dB)</b>	-5.5 F	3.7	0.2	5.9
Freq. (MHz)	1.4	3.6	99.3	90.3
Limit (dB)	60.0	54.2	30.1	30.8
Worst Pair	78	36	36	36
<b>PS NEXT (dB)</b>	-4.6 F	5.6	1.7	7.4
Freq. (MHz)	1.5	60.3	99.3	90.5
Limit (dB)	57.0	30.9	27.1	27.8



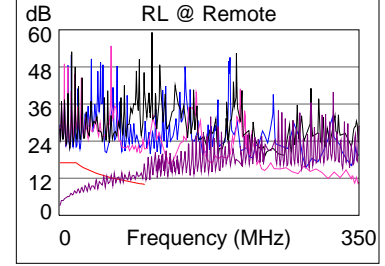
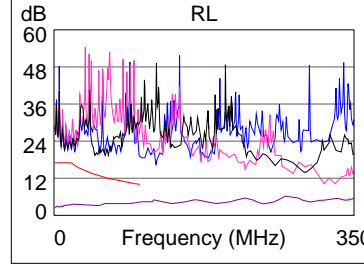
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	36-78	12-78	36-45	36-78
<b>ACR-F (dB)</b>	-2.6 F	-12.8 F	7.1	1.0
Freq. (MHz)	1.3	1.1	97.8	99.5
Limit (dB)	55.5	56.4	17.6	17.4
Worst Pair	78	36	78	36
<b>PS ACR-F (dB)</b>	-0.5 F	-0.1*F	6.2	7.0
Freq. (MHz)	1.3	1.3	96.0	97.0
Limit (dB)	52.5	52.5	14.8	14.7



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	36-78	36-78	12-78
<b>ACR-N (dB)</b>	-15.1	-4.3	6.4	16.7
Freq. (MHz)	1.5	3.6	99.5	98.5
Limit (dB)	57.0	50.0	6.2	6.4
Worst Pair	78	78	78	78
<b>PS ACR-N (dB)</b>	-14.2	-2.2	8.6	17.2
Freq. (MHz)	1.5	3.1	99.5	98.5
Limit (dB)	54.0	48.4	3.2	3.4



	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	78	78	78	78
<b>RL (dB)</b>	-14.5 F	-13.9 F	-14.5	-13.9
Freq. (MHz)	1.4	1.0	1.4	1.0
Limit (dB)	17.0	17.0	17.0	17.0



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



### Cable ID: D2-07

### Test Summary: PASS

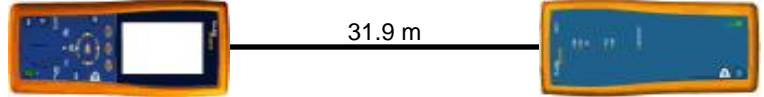
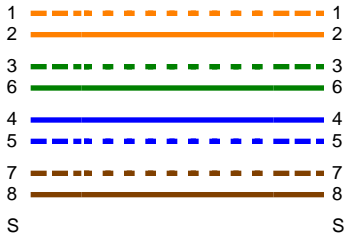
Date / Time: 08/24/2009 03:35:02pm  
**Headroom: 3.8 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

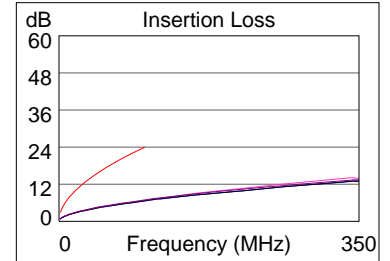
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

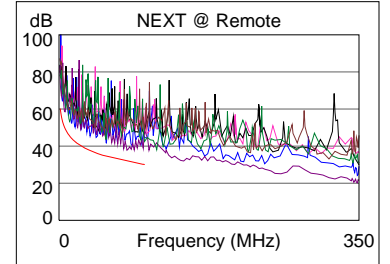
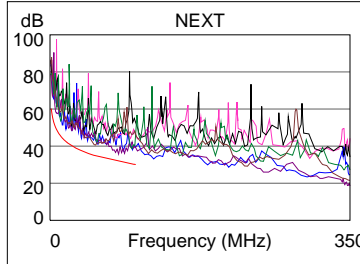
**PASS**



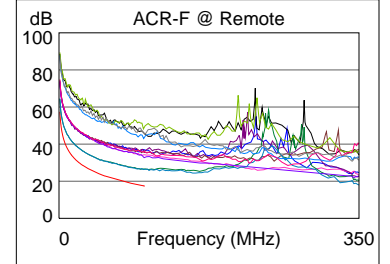
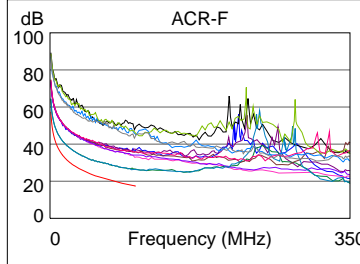
Length (m), Limit 100.0	[Pair 12]	31.9
Prop. Delay (ns), Limit 555		159
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.0
Insertion Loss Margin (dB)	[Pair 78]	17.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



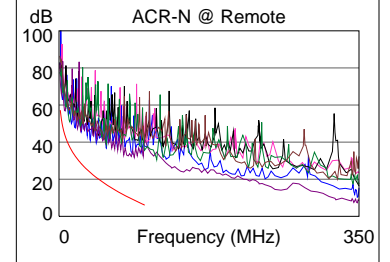
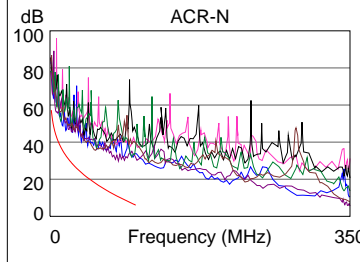
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.8	5.1	3.8	5.1
Freq. (MHz)	79.8	79.8	79.8	79.8
Limit (dB)	31.8	31.8	31.8	31.8
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	5.1	7.1	6.2	7.6
Freq. (MHz)	54.8	54.8	86.5	83.8
Limit (dB)	31.6	31.6	28.2	28.4



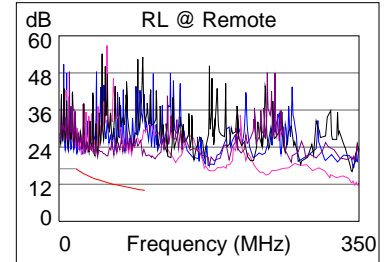
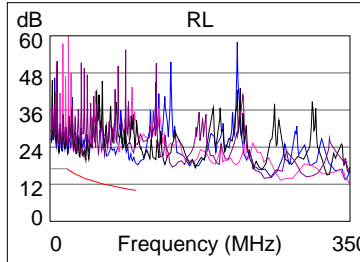
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	45-36
<b>ACR-F (dB)</b>	6.6	6.6	8.4	8.7
Freq. (MHz)	2.4	2.4	95.0	98.5
Limit (dB)	49.9	49.9	17.8	17.5
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	8.9	9.0	10.6	10.7
Freq. (MHz)	1.1	1.3	95.0	95.3
Limit (dB)	53.4	52.5	14.8	14.8



	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>	12.7	12.4	19.3	20.6
Freq. (MHz)	6.5	6.4	79.8	79.8
Limit (dB)	44.4	44.6	10.5	10.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.9	13.9	23.7	23.3
Freq. (MHz)	7.4	7.0	95.0	83.8
Limit (dB)	40.1	40.6	4.1	6.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	36	12	78
<b>RL (dB)</b>	5.6	5.7	8.9	7.6
Freq. (MHz)	41.3	26.3	99.0	56.0
Limit (dB)	13.9	15.8	10.1	12.5



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



**Cable ID: D2-06**

**Test Summary: FAIL**

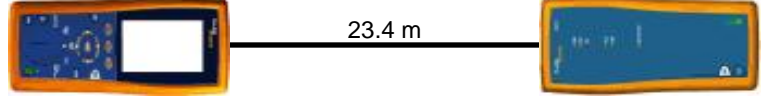
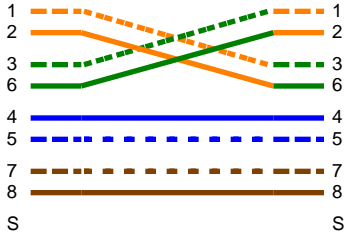
Date / Time: 08/24/2009 12:30:55pm  
 Headroom: 2.8 dB (NEXT 12-78)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

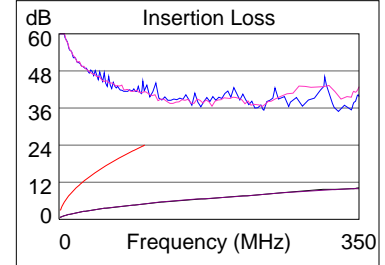
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

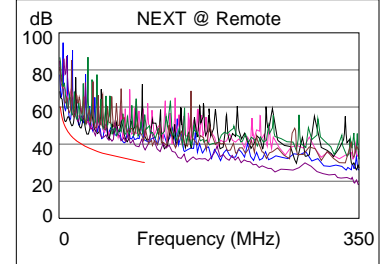
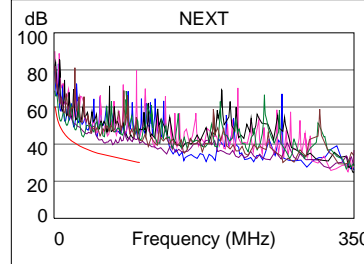
**FAIL**



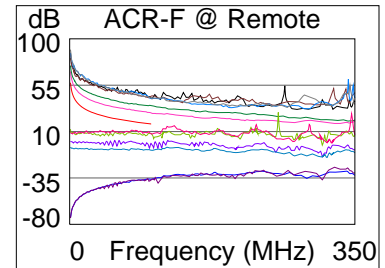
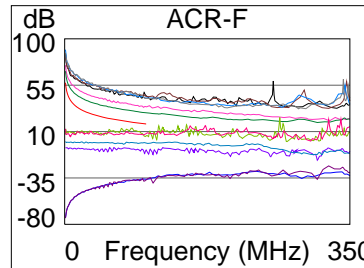
Length (m), Limit 100.0	[Pair 12]	23.4
Prop. Delay (ns), Limit 555		115
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 36]	4.5
Insertion Loss Margin (dB)	[Pair 12]	<b>-71.5 F</b>
Frequency (MHz)	[Pair 12]	1.0
Limit (dB)	[Pair 12]	3.0



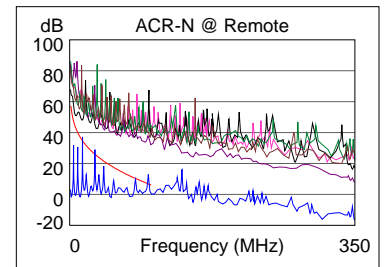
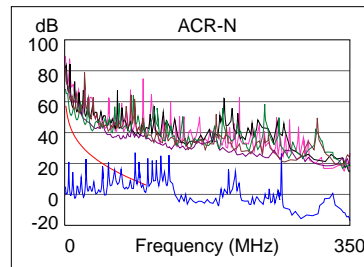
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	12-78	36-45	36-45
<b>NEXT (dB)</b>	3.3	2.8	6.6	6.8
Freq. (MHz)	6.9	6.8	69.0	100.0
Limit (dB)	49.7	49.8	32.9	30.1
Worst Pair	36	12	36	36
<b>PS NEXT (dB)</b>	5.0	4.8	10.0	8.5
Freq. (MHz)	7.3	6.8	100.0	99.8
Limit (dB)	46.3	46.8	27.1	27.1



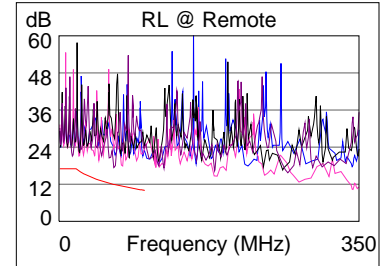
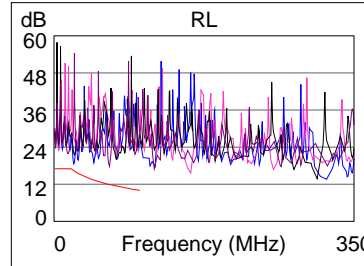
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	36-12	36-12	36-12	36-12
<b>ACR-F (dB)</b>	<b>-131.4 F</b>	<b>-131.3 F</b>	-131.4	-131.3
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	57.4	57.4	57.4	57.4
Worst Pair	12	36	12	36
<b>PS ACR-F (dB)</b>	<b>-128.4 F</b>	<b>-128.4 F</b>	-128.4	-128.4
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	54.4	54.4	54.4	54.4



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	-56.5	-58.1	-39.8	-21.1
Freq. (MHz)	1.6	1.6	12.8	50.3
Limit (dB)	56.9	56.9	37.2	18.7
Worst Pair	36	12	36	12
<b>PS ACR-N (dB)</b>	-60.2	-61.5	-48.1	-48.7
Freq. (MHz)	1.1	1.1	7.3	6.8
Limit (dB)	54.0	54.0	40.3	41.0



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	36	78	78
<b>RL (dB)</b>	2.2	4.6	5.9	5.0
Freq. (MHz)	23.0	23.5	64.5	64.8
Limit (dB)	16.4	16.3	11.9	11.9





### Cable ID: D2-05

### Test Summary: PASS

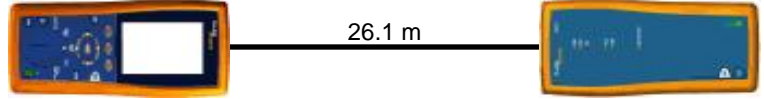
Date / Time: 08/24/2009 12:34:02pm  
**Headroom: 5.3 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

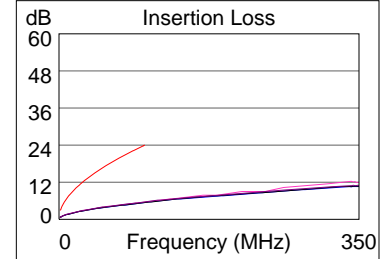
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

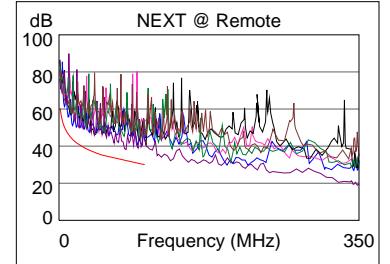
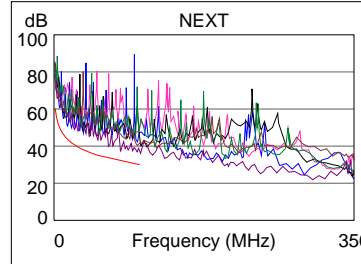
**PASS**



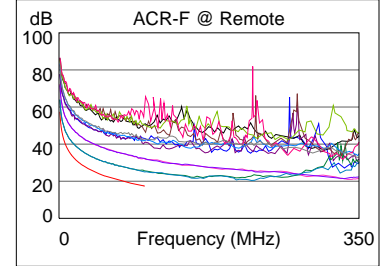
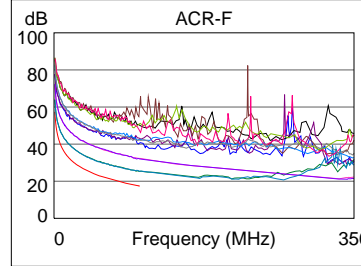
Length (m), Limit 100.0	[Pair 12]	26.1
Prop. Delay (ns), Limit 555		129
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 36]	18.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



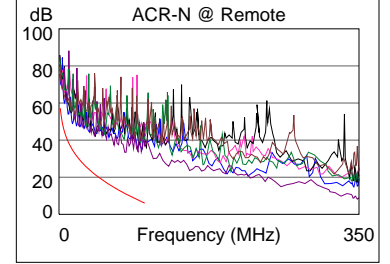
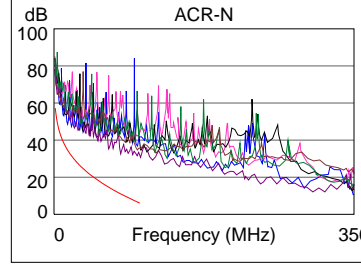
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.3	5.5	6.1	5.5
Freq. (MHz)	77.8	77.5	96.3	77.5
Limit (dB)	32.0	32.0	30.4	32.0
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	7.5	8.0	7.5	8.6
Freq. (MHz)	96.3	77.5	96.5	96.0
Limit (dB)	27.4	29.0	27.3	27.4



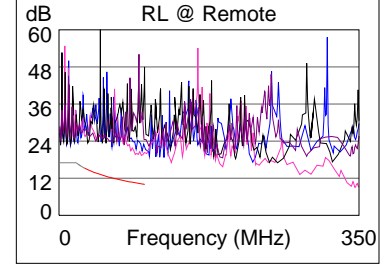
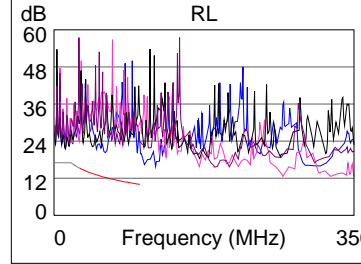
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.4	6.4	7.8	7.6
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	8.9	8.8	9.9	10.1
Freq. (MHz)	2.3	1.0	100.0	99.5
Limit (dB)	47.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	36-45	36-45
<b>ACR-N (dB)</b>	13.9	14.2	24.4	21.7
Freq. (MHz)	15.5	2.3	96.3	77.5
Limit (dB)	34.9	54.3	6.8	11.1
Worst Pair	12	36	45	36
<b>PS ACR-N (dB)</b>	15.5	15.5	25.7	26.6
Freq. (MHz)	10.9	2.3	96.5	96.0
Limit (dB)	36.0	51.3	3.8	3.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	45	12	36
<b>RL (dB)</b>	7.9	8.2	7.9	8.9
Freq. (MHz)	59.0	34.0	59.0	96.5
Limit (dB)	12.3	14.7	12.3	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: D2-04**

**Test Summary: PASS**

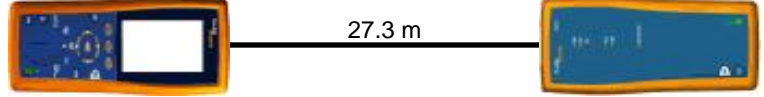
Date / Time: 08/24/2009 03:05:02pm  
 Headroom: 3.2 dB (NEXT 36-45)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

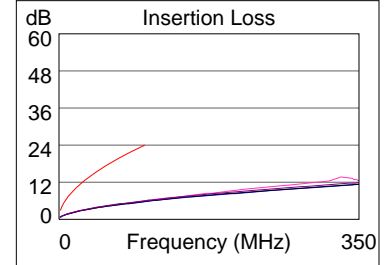
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

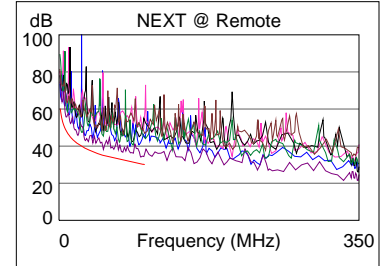
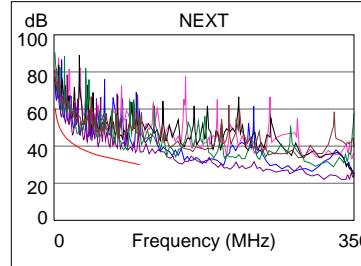
**PASS**



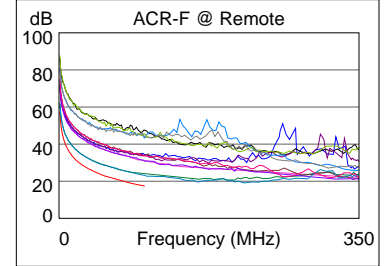
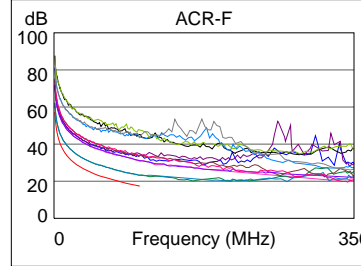
Length (m), Limit 100.0	[Pair 12]	27.3
Prop. Delay (ns), Limit 555		136
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	5.2
Insertion Loss Margin (dB)	[Pair 36]	18.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



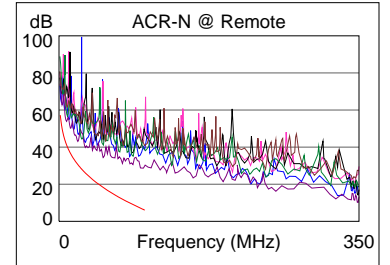
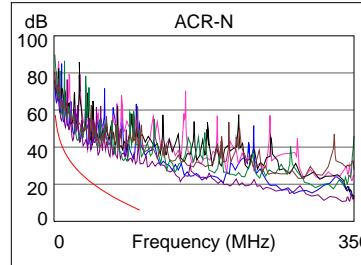
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.5	3.2	5.7	3.7
Freq. (MHz)	52.0	51.8	95.5	95.5
Limit (dB)	35.0	35.0	30.4	30.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.2	5.2	6.4	6.0
Freq. (MHz)	39.0	30.3	82.0	95.3
Limit (dB)	34.1	35.9	28.6	27.4



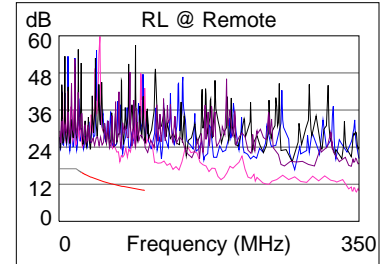
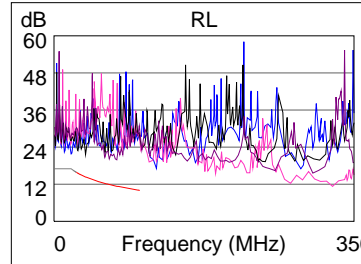
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	4.5	4.5	5.6	5.5
Freq. (MHz)	1.3	1.3	98.5	98.5
Limit (dB)	55.5	55.5	17.5	17.5
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	6.9	6.9	7.9	8.0
Freq. (MHz)	1.3	1.1	98.5	98.5
Limit (dB)	52.5	53.4	14.5	14.5



	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>	11.2	10.1	23.4	21.4
Freq. (MHz)	2.3	2.1	95.8	95.8
Limit (dB)	54.3	54.8	7.0	7.0
Worst Pair	12	12	36	36
<b>PS ACR-N (dB)</b>	12.5	11.6	22.8	23.5
Freq. (MHz)	2.3	2.1	82.0	95.3
Limit (dB)	51.3	51.8	7.0	4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	36	78	36
<b>RL (dB)</b>	7.2	7.7	7.9	7.7
Freq. (MHz)	36.8	71.3	72.3	71.3
Limit (dB)	14.4	11.5	11.4	11.5



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



### Cable ID: D2-03

### Test Summary: PASS

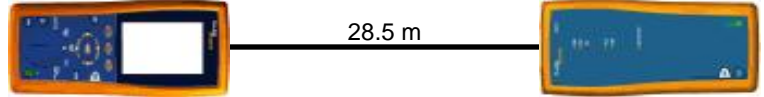
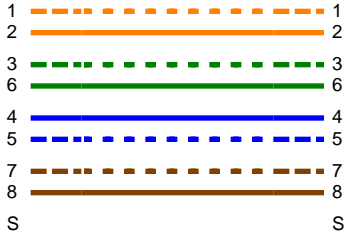
Date / Time: 08/24/2009 04:17:58pm  
**Headroom: 3.7 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

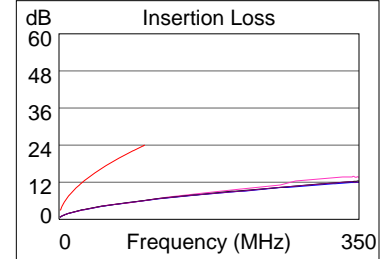
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

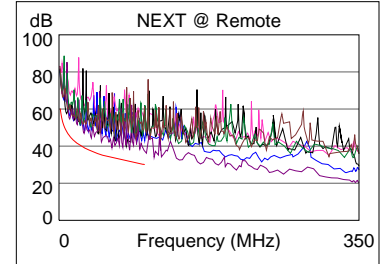
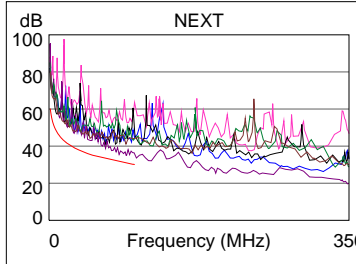
**PASS**



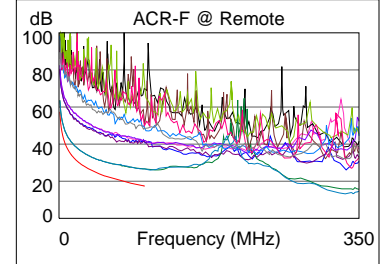
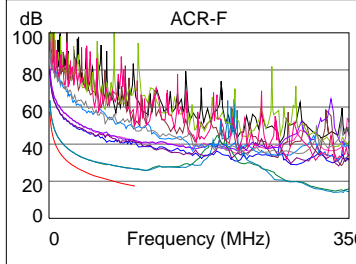
Length (m), Limit 100.0	[Pair 78]	28.5
Prop. Delay (ns), Limit 555		141
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 78]	6.1
Insertion Loss Margin (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



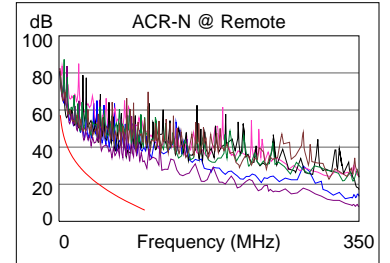
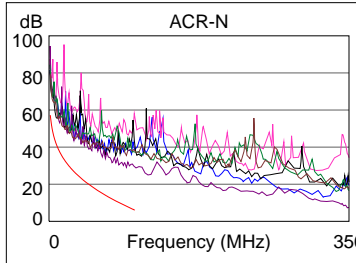
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.7	5.4	4.1	6.5
Freq. (MHz)	82.0	61.8	90.3	98.5
Limit (dB)	31.6	33.7	30.8	30.2
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	6.1	7.9	6.1	8.6
Freq. (MHz)	90.0	29.4	90.0	98.5
Limit (dB)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



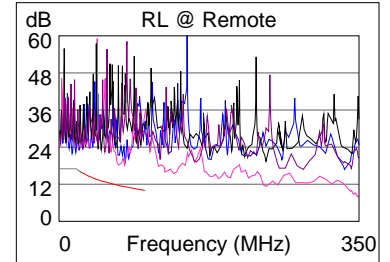
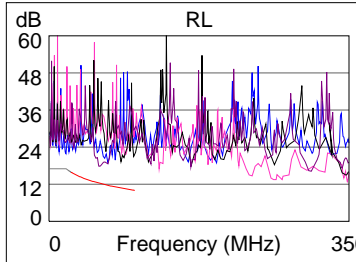
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.1	6.1	8.9	9.0
Freq. (MHz)	1.0	2.3	97.5	98.8
Limit (dB)	57.4	50.4	17.6	17.5
Worst Pair	36	36	45	36
<b>PS ACR-F (dB)</b>	9.0	9.0	11.8	11.7
Freq. (MHz)	2.3	1.0	97.5	96.3
Limit (dB)	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: D2-02

### Test Summary: PASS

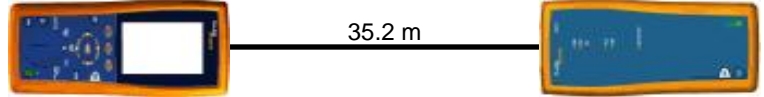
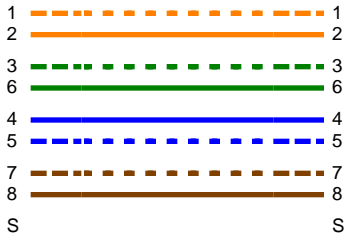
Date / Time: 08/24/2009 04:19:36pm  
**Headroom: 5.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

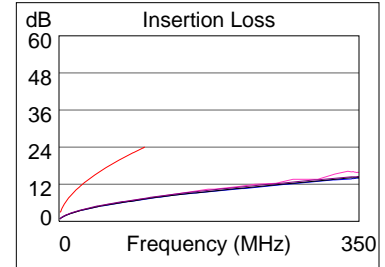
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

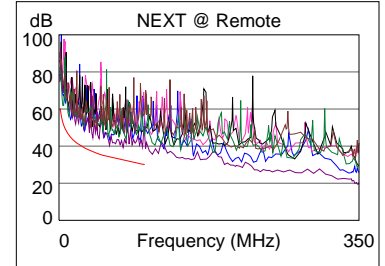
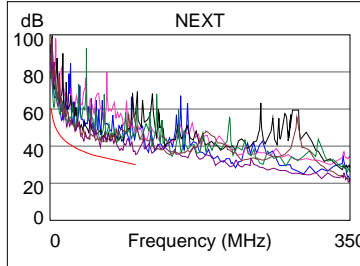
**PASS**



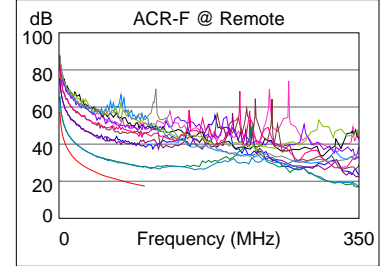
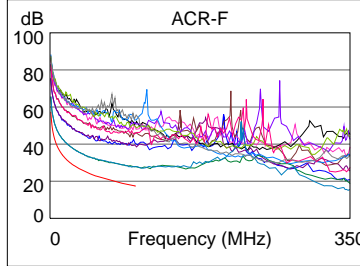
Length (m), Limit 100.0	[Pair 12]	35.2
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



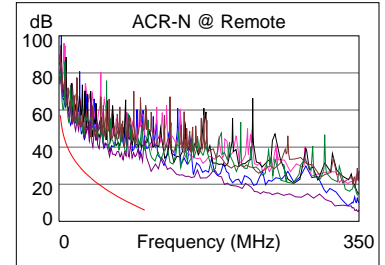
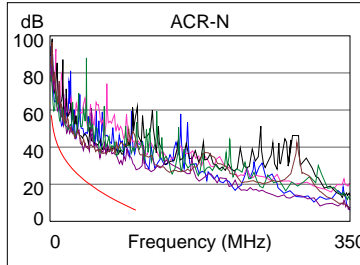
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.4	5.9	5.4	7.0
Freq. (MHz)	58.5	58.5	100.0	74.8
Limit (dB)	34.1	34.1	30.1	32.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.2	6.6	7.9	6.6
Freq. (MHz)	58.5	58.5	100.0	58.5
Limit (dB)	31.1	31.1	27.1	31.1



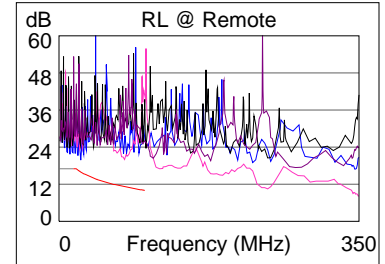
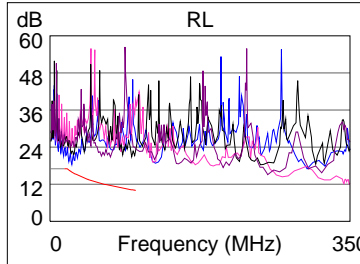
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	7.7	7.7	10.1	9.9
Freq. (MHz)	2.1	2.1	98.8	98.3
Limit (dB)	50.9	50.9	17.5	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	10.3	10.2	12.5	12.7
Freq. (MHz)	1.1	2.1	95.5	98.8
Limit (dB)	53.4	47.9	14.8	14.5



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-78	36-78	36-45	36-45
<b>ACR-N (dB)</b>	11.5	12.3	22.2	25.8
Freq. (MHz)	4.3	4.8	100.0	97.5
Limit (dB)	48.5	47.5	6.1	6.6
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.6	14.0	24.6	26.5
Freq. (MHz)	4.5	4.5	100.0	94.3
Limit (dB)	45.0	45.0	3.1	4.3



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	2.4	3.8	2.4	3.8
Freq. (MHz)	25.3	25.4	25.3	25.4
Limit (dB)	16.0	16.0	16.0	16.0



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: D2-01

### Test Summary: PASS

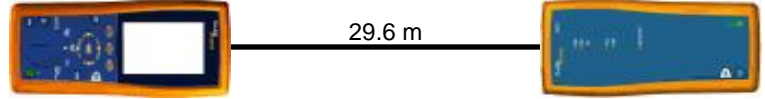
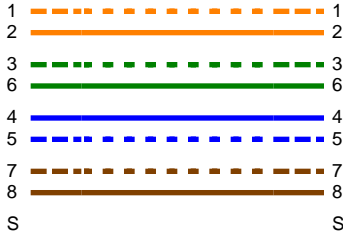
Date / Time: 08/24/2009 12:20:55pm  
**Headroom: 4.8 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

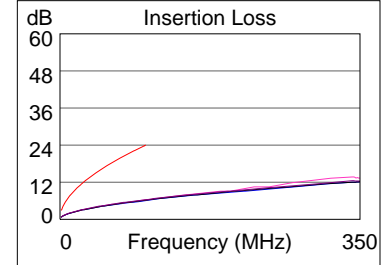
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

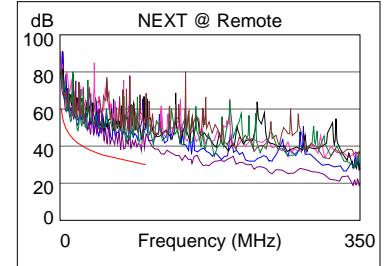
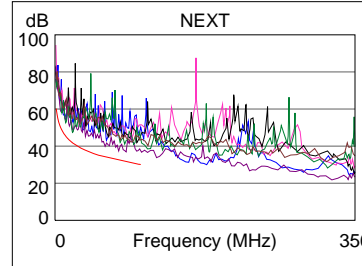
**PASS**



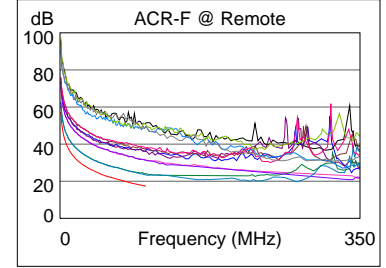
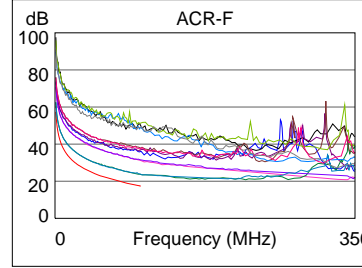
Length (m), Limit 100.0	[Pair 12]	29.6
Prop. Delay (ns), Limit 555		147
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.5
Insertion Loss Margin (dB)	[Pair 78]	17.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



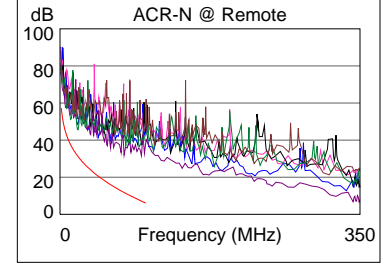
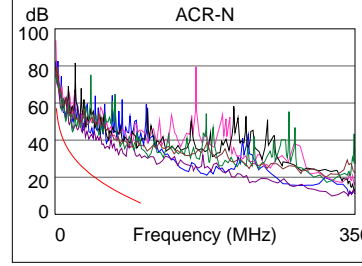
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.9	4.8	5.0	4.8
Freq. (MHz)	74.8	75.0	82.3	75.0
Limit (dB)	32.3	32.2	31.5	32.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	5.7	7.0	6.6	8.9
Freq. (MHz)	20.5	20.6	82.0	94.3
Limit (dB)	38.8	38.7	28.6	27.5



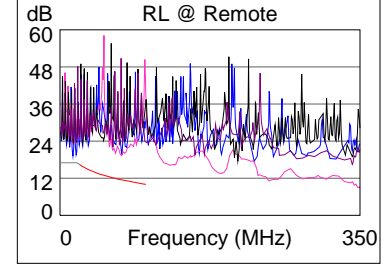
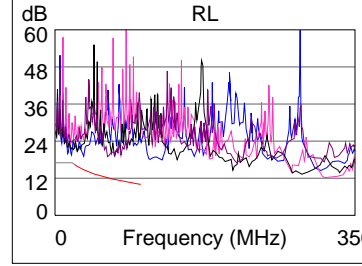
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.0	5.0	6.1	6.1
Freq. (MHz)	1.1	1.1	96.8	98.8
Limit (dB)	56.4	56.4	17.7	17.5
Worst Pair	45	36	45	45
<b>PS ACR-F (dB)</b>	7.4	7.4	8.4	8.6
Freq. (MHz)	2.0	1.1	96.8	98.8
Limit (dB)	48.4	53.4	14.7	14.5



	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>	13.0	13.0	21.0	23.9
Freq. (MHz)	12.4	6.8	82.3	94.5
Limit (dB)	37.5	44.0	10.0	7.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.6	14.2	22.7	26.0
Freq. (MHz)	12.1	12.0	82.0	94.3
Limit (dB)	34.8	34.9	7.0	4.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	78	36
<b>RL (dB)</b>	4.3	6.6	6.4	7.8
Freq. (MHz)	33.3	26.3	62.0	71.3
Limit (dB)	14.8	15.8	12.1	11.5



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



### Cable ID: D1-48

### Test Summary: PASS

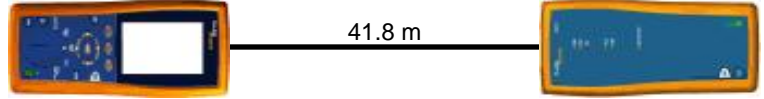
Date / Time: 08/24/2009 04:03:50pm  
**Headroom: 4.5 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

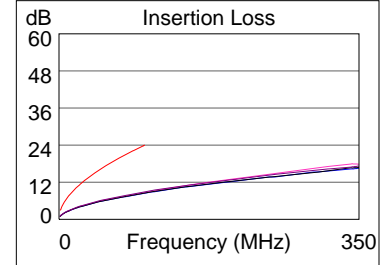
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

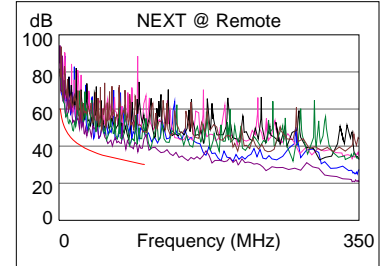
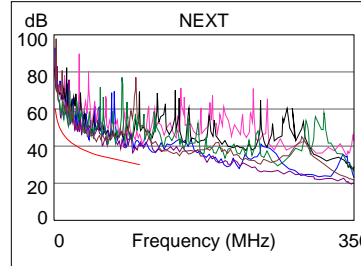
**PASS**



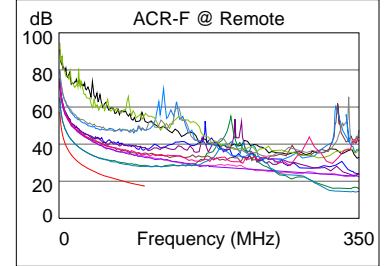
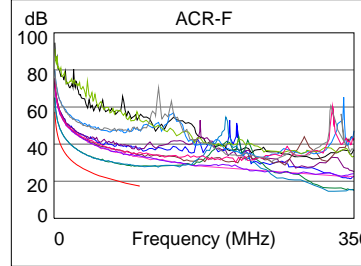
Length (m), Limit 100.0	[Pair 12]	41.8
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.5
Insertion Loss Margin (dB)	[Pair 78]	15.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



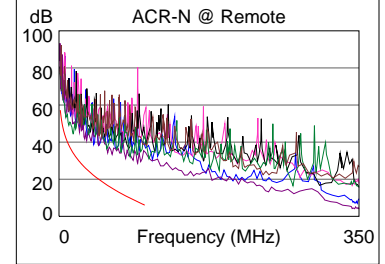
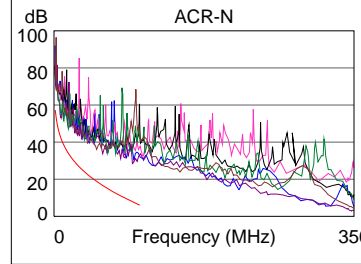
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-78	36-45	36-45
<b>NEXT (dB)</b>	5.7	4.5	5.7	5.9
Freq. (MHz)	56.5	16.4	91.5	91.8
Limit (dB)	34.3	43.4	30.7	30.7
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.1	6.0	7.1	7.7
Freq. (MHz)	35.3	16.3	91.5	91.5
Limit (dB)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



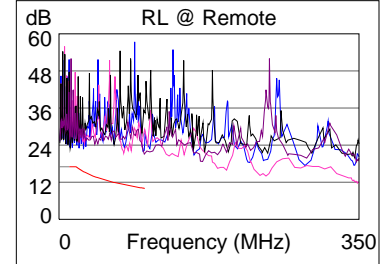
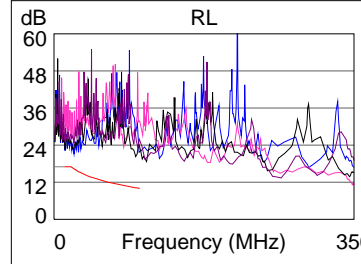
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	7.0	7.0	10.4	10.2
Freq. (MHz)	2.3	1.1	98.3	98.0
Limit (dB)	50.4	56.4	17.6	17.6
Worst Pair	36	36	45	36
<b>PS ACR-F (dB)</b>	9.1	9.2	12.3	12.1
Freq. (MHz)	1.3	2.0	98.5	98.3
Limit (dB)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



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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	45	45	12
<b>RL (dB)</b>	4.8	5.6	9.5	10.7
Freq. (MHz)	23.1	13.3	95.8	98.8
Limit (dB)	16.4	17.0	10.2	10.1



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



### Cable ID: D1-47

### Test Summary: PASS

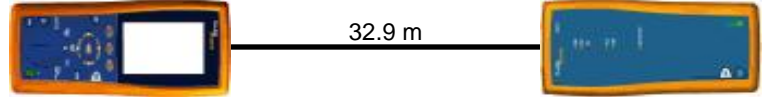
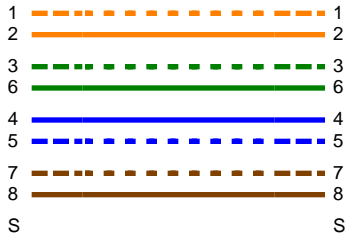
Date / Time: 08/24/2009 04:04:43pm  
**Headroom: 4.5 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

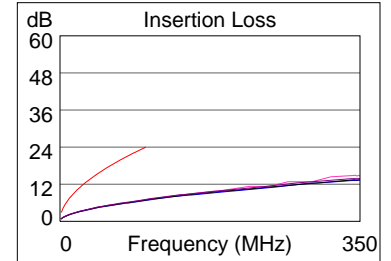
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

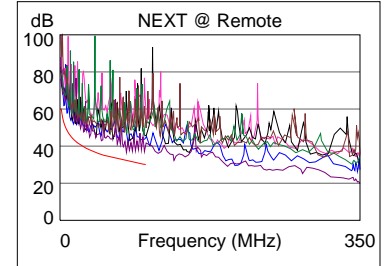
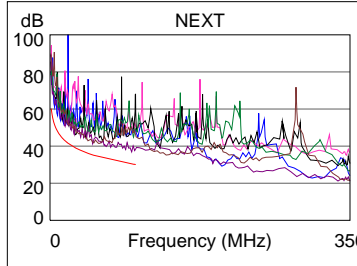
**PASS**



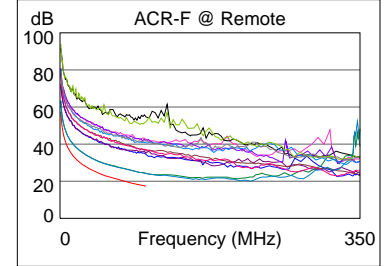
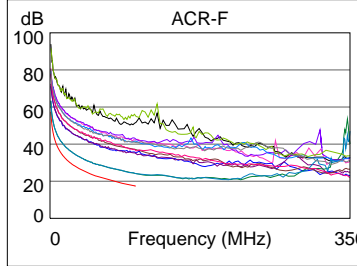
Length (m), Limit 100.0	[Pair 12]	32.9
Prop. Delay (ns), Limit 555		163
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	6.1
Insertion Loss Margin (dB)	[Pair 78]	16.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



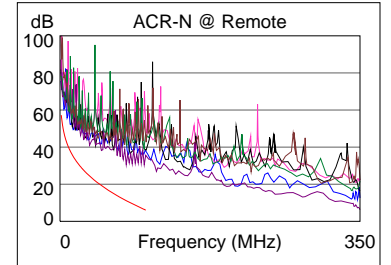
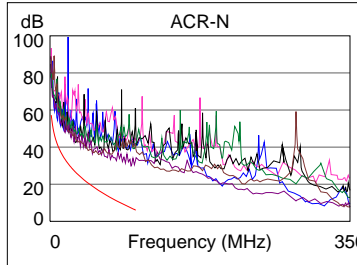
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.6	4.5	5.8	4.5
Freq. (MHz)	66.3	77.3	94.8	77.3
Limit (dB)	33.2	32.0	30.5	32.0
Worst Pair	45	36	36	36
<b>PS NEXT (dB)</b>	6.3	6.9	8.4	6.9
Freq. (MHz)	49.5	77.3	94.8	77.3
Limit (dB)	32.3	29.0	27.5	29.0



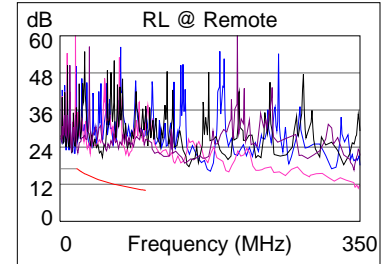
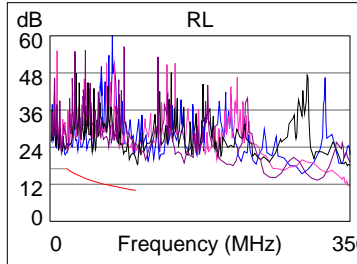
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	5.4	5.4	6.7	6.5
Freq. (MHz)	1.8	1.1	98.8	97.0
Limit (dB)	52.5	56.4	17.5	17.7
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	7.9	7.9	9.2	9.3
Freq. (MHz)	1.1	1.8	99.5	99.8
Limit (dB)	53.4	49.5	14.4	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>	12.7	12.5	22.5	23.9
Freq. (MHz)	5.0	4.5	94.8	98.5
Limit (dB)	47.0	48.0	7.2	6.4
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.5	14.3	24.9	25.5
Freq. (MHz)	5.1	4.5	94.8	98.3
Limit (dB)	43.7	45.0	4.2	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	45	36
<b>RL (dB)</b>	5.7	5.2	9.3	9.7
Freq. (MHz)	20.5	20.5	93.0	80.8
Limit (dB)	16.9	16.9	10.3	10.9



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



### Cable ID: D1-46

### Test Summary: PASS

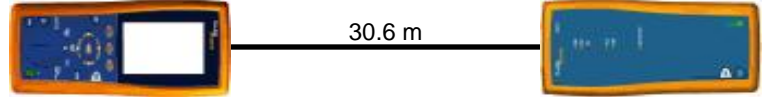
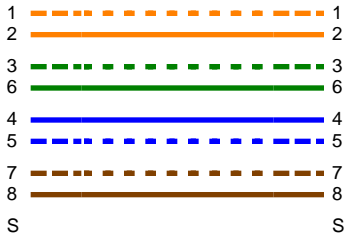
Date / Time: 08/24/2009 04:06:23pm  
**Headroom: 2.4 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

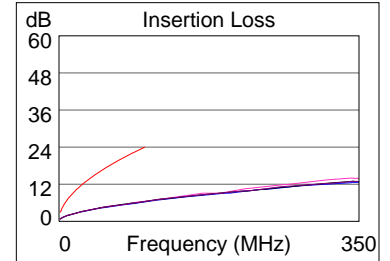
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

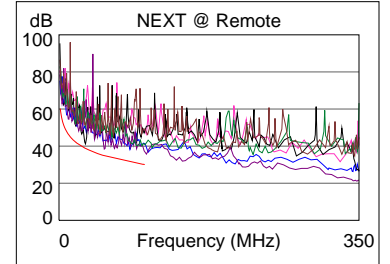
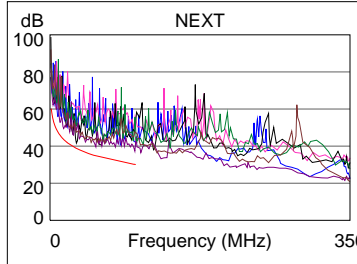
**PASS**



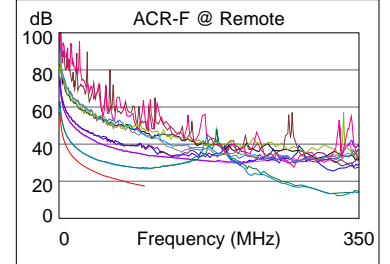
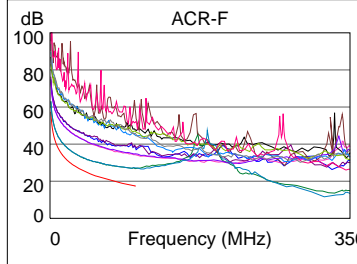
Length (m), Limit 100.0	[Pair 78]	30.6
Prop. Delay (ns), Limit 555		151
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 36]	17.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



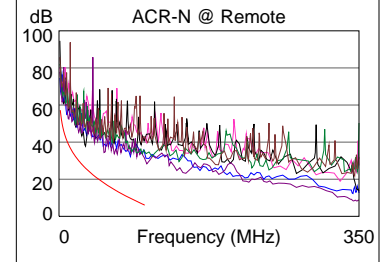
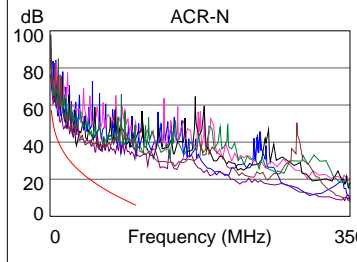
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>NEXT (dB)</b>	2.6	2.4	6.5	6.8
Freq. (MHz)	31.0	30.6	98.5	98.8
Limit (dB)	38.8	38.9	30.2	30.2
Worst Pair	78	78	36	36
<b>PS NEXT (dB)</b>	4.3	4.5	8.3	7.6
Freq. (MHz)	30.9	30.6	98.0	98.3
Limit (dB)	35.8	35.9	27.2	27.2



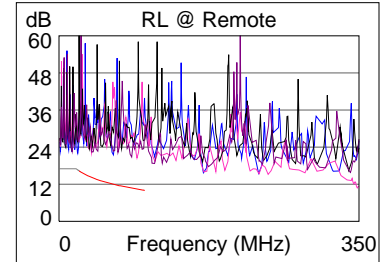
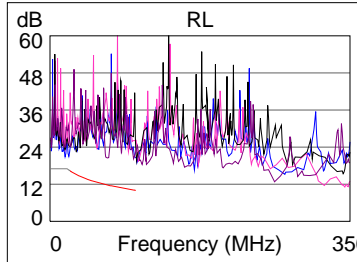
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.6	5.6	9.3	9.2
Freq. (MHz)	1.1	1.0	99.5	99.0
Limit (dB)	56.4	57.4	17.4	17.5
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	8.2	8.2	11.6	11.4
Freq. (MHz)	1.1	1.0	99.5	94.3
Limit (dB)	53.4	54.4	14.4	14.9



	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>	10.6	11.3	23.9	24.3
Freq. (MHz)	3.3	3.4	98.5	98.8
Limit (dB)	51.0	50.7	6.4	6.3
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.1	12.8	25.6	25.0
Freq. (MHz)	2.8	2.6	98.0	98.3
Limit (dB)	49.5	49.9	3.5	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	78	78	36
<b>RL (dB)</b>	7.3	7.5	8.4	10.0
Freq. (MHz)	30.9	39.0	65.8	91.3
Limit (dB)	15.1	14.1	11.8	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: D1-45

### Test Summary: PASS

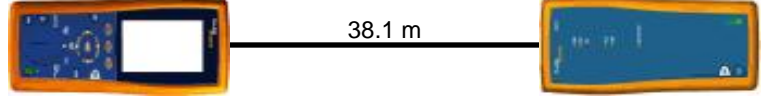
Date / Time: 08/24/2009 04:02:32pm  
**Headroom: 4.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

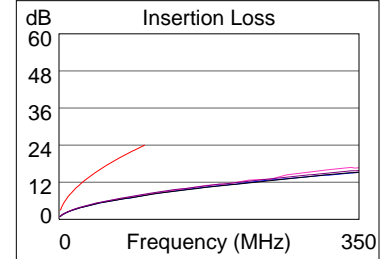
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

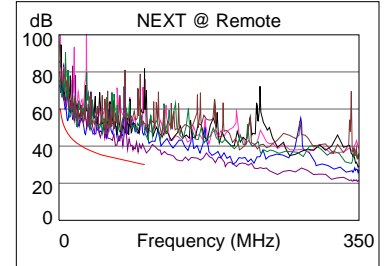
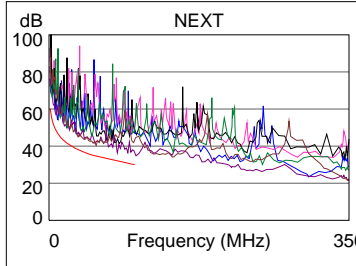
**PASS**



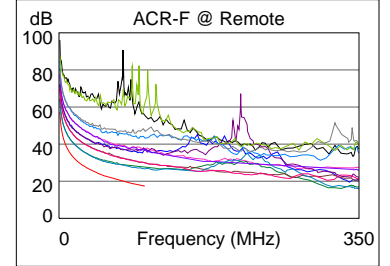
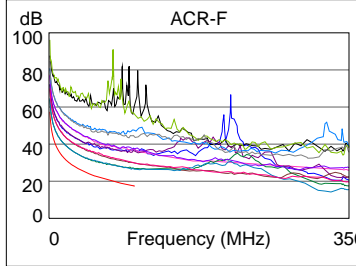
Length (m), Limit 100.0	[Pair 12]	38.1
Prop. Delay (ns), Limit 555		190
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	6.9
Insertion Loss Margin (dB)	[Pair 78]	15.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



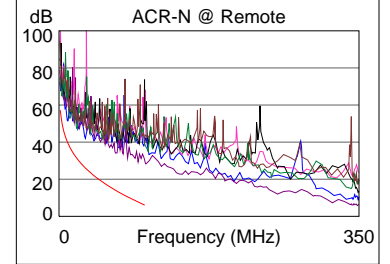
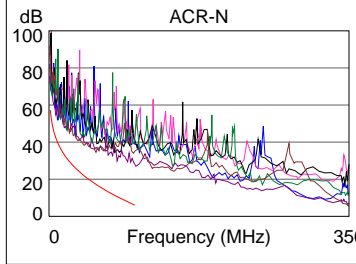
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.4	6.0	5.7	6.0
Freq. (MHz)	80.0	92.5	98.0	92.5
Limit (dB)	31.7	30.7	30.2	30.7
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	6.8	8.5	7.7	8.5
Freq. (MHz)	80.0	92.5	98.0	92.5
Limit (dB)	28.7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



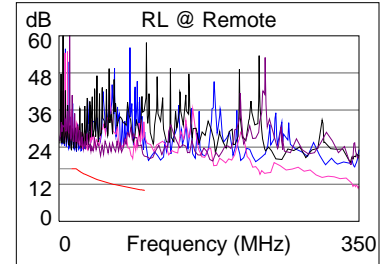
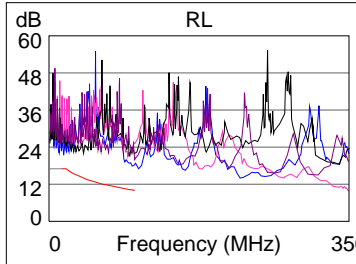
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	6.6	6.7	8.7	9.0
Freq. (MHz)	1.0	2.0	96.0	99.0
Limit (dB)	57.4	51.4	17.8	17.5
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	8.1	8.0	9.9	10.2
Freq. (MHz)	1.1	1.0	96.0	99.0
Limit (dB)	53.4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



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



	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
<b>RL (dB)</b>	4.4	5.7	7.7	9.9
Freq. (MHz)	17.1	20.1	96.8	100.0
Limit (dB)	17.0	17.0	10.2	10.0



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



**Cable ID: D1-44**

**Test Summary: PASS**

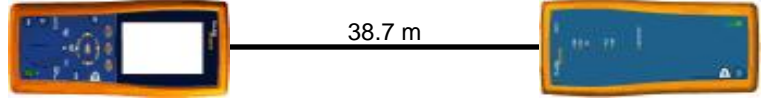
Date / Time: 08/24/2009 04:24:44pm  
**Headroom: 5.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

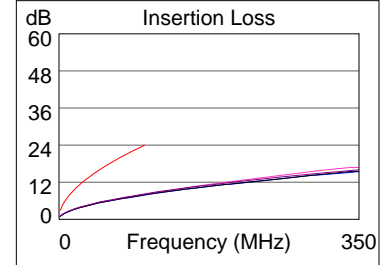
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

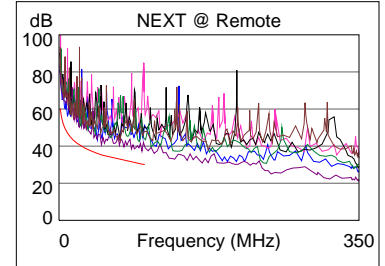
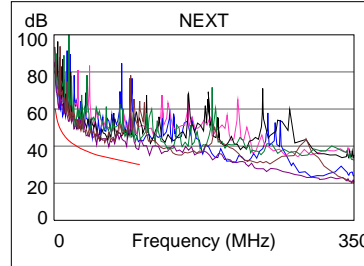
**PASS**



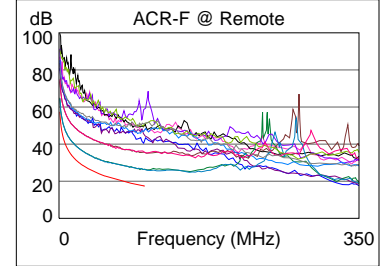
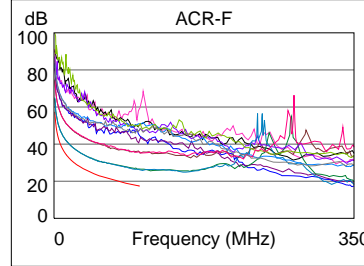
Length (m), Limit 100.0	[Pair 12]	38.7
Prop. Delay (ns), Limit 555		193
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.1
Insertion Loss Margin (dB)	[Pair 78]	15.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



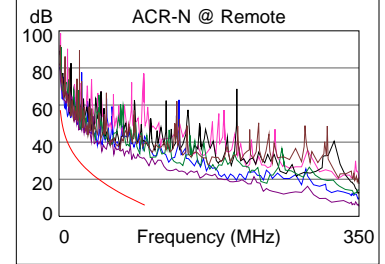
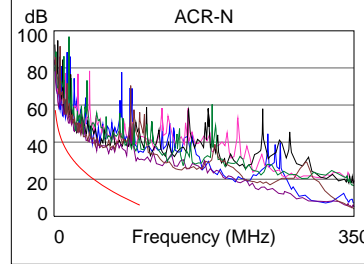
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.5	5.1	6.9	6.6
Freq. (MHz)	49.8	49.8	96.0	96.3
Limit (dB)	35.3	35.3	30.4	30.4
Worst Pair	36	36	36	45
<b>PS NEXT (dB)</b>	7.3	6.4	8.7	9.3
Freq. (MHz)	49.8	49.8	96.0	96.5
Limit (dB)	32.3	32.3	27.4	27.3



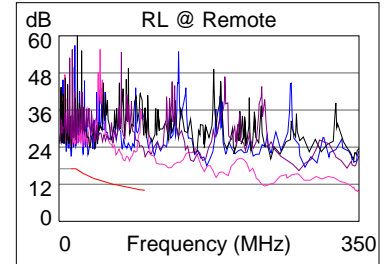
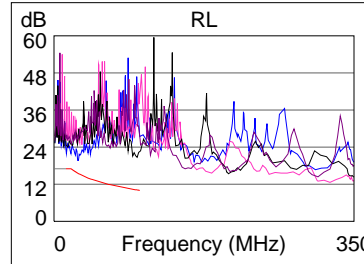
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	36-45
<b>ACR-F (dB)</b>	6.6	6.6	8.3	8.4
Freq. (MHz)	1.8	1.9	94.0	94.5
Limit (dB)	52.5	51.9	17.9	17.9
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	9.1	9.1	11.2	11.3
Freq. (MHz)	2.0	1.8	100.0	97.3
Limit (dB)	48.4	49.5	14.4	14.6



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-36	36-45	36-45
<b>ACR-N (dB)</b>	12.1	13.6	22.7	22.4
Freq. (MHz)	5.0	3.6	96.3	96.3
Limit (dB)	47.0	50.0	6.8	6.8
Worst Pair	45	36	36	36
<b>PS ACR-N (dB)</b>	14.1	14.8	24.3	25.0
Freq. (MHz)	5.0	3.8	96.0	96.3
Limit (dB)	44.0	46.7	3.9	3.8



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	36
<b>RL (dB)</b>	3.7	6.2	3.7	8.5
Freq. (MHz)	27.9	28.1	27.9	82.8
Limit (dB)	15.6	15.5	15.6	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: D1-43

### Test Summary: PASS

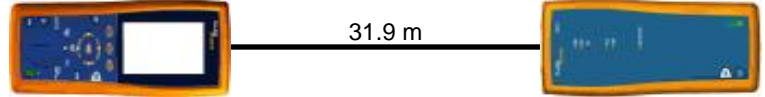
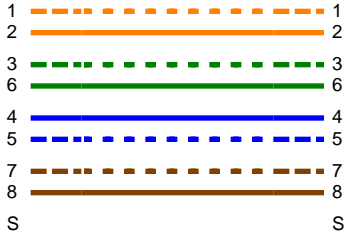
Date / Time: 08/24/2009 04:09:45pm  
**Headroom: 5.8 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

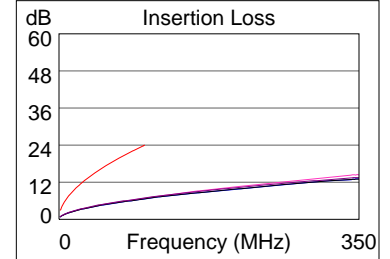
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

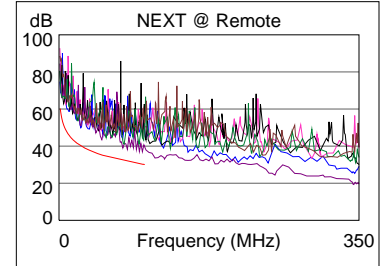
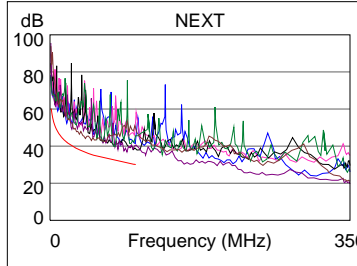
**PASS**



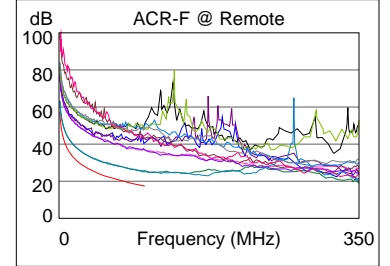
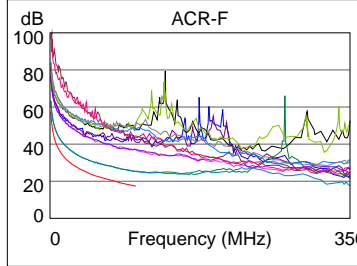
Length (m), Limit 100.0	[Pair 12]	31.9
Prop. Delay (ns), Limit 555		159
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	5.9
Insertion Loss Margin (dB)	[Pair 78]	17.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



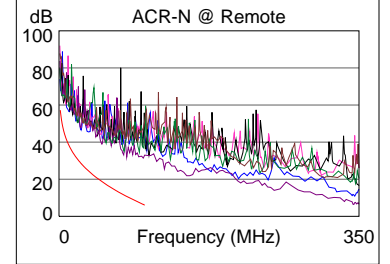
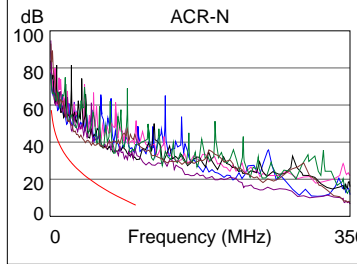
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.8	5.8	5.8	6.6
Freq. (MHz)	90.0	79.3	90.0	97.5
Limit (dB)	30.9	31.8	30.9	30.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.0	6.9	7.9	7.8
Freq. (MHz)	75.3	74.8	97.3	93.8
Limit (dB)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



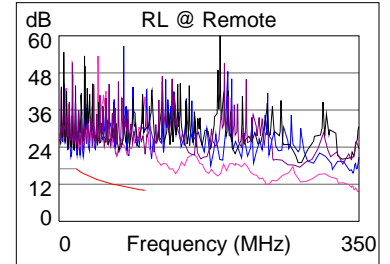
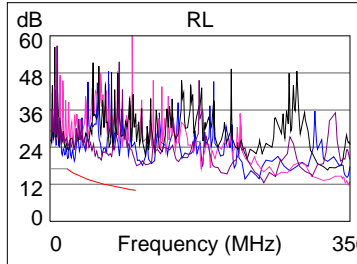
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.7	5.7	7.7	7.4
Freq. (MHz)	1.0	1.0	98.5	98.0
Limit (dB)	57.4	57.4	17.5	17.6
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	8.5	8.4	10.4	10.3
Freq. (MHz)	1.0	1.0	98.0	98.0
Limit (dB)	54.4	54.4	14.6	14.6



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



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	78	12
<b>RL (dB)</b>	4.0	5.3	8.5	8.9
Freq. (MHz)	28.3	24.6	100.0	80.5
Limit (dB)	15.5	16.1	10.0	11.0



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





### Cable ID: D1-42

### Test Summary: PASS

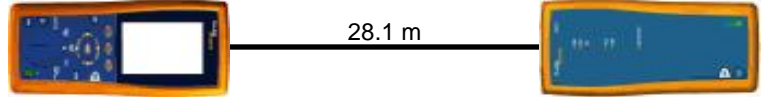
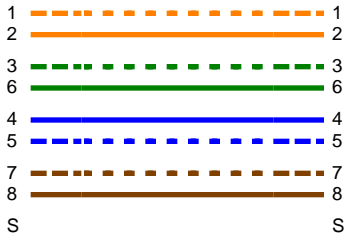
Date / Time: 08/24/2009 04:11:12pm  
**Headroom: 5.2 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

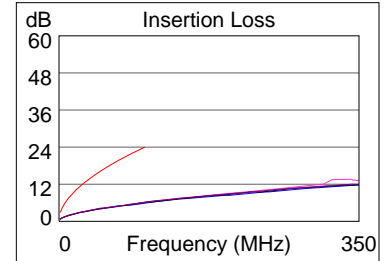
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

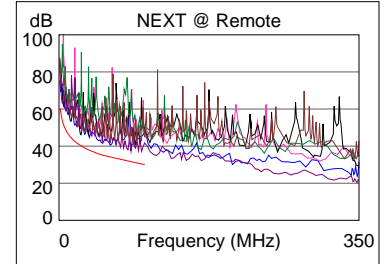
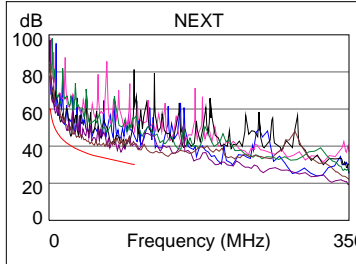
**PASS**



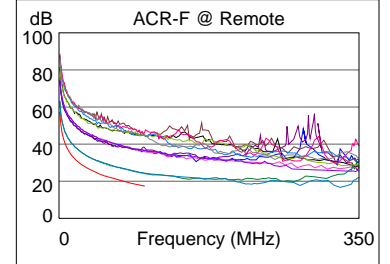
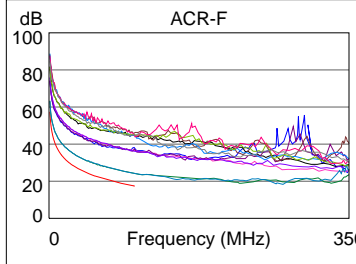
Length (m), Limit 100.0	[Pair 12]	28.1
Prop. Delay (ns), Limit 555		139
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



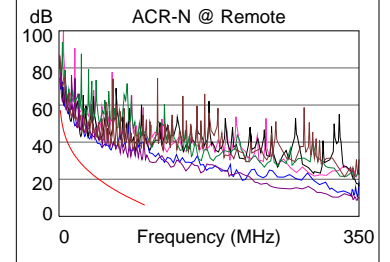
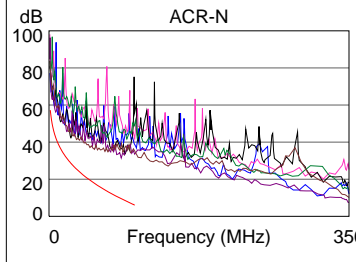
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.2	5.3	5.4	6.2
Freq. (MHz)	25.3	79.8	84.0	96.8
Limit (dB)	40.3	31.8	31.4	30.3
Worst Pair	45	36	36	36
<b>PS NEXT (dB)</b>	6.9	6.8	7.7	7.2
Freq. (MHz)	51.0	50.3	83.8	84.0
Limit (dB)	32.1	32.2	28.4	28.4



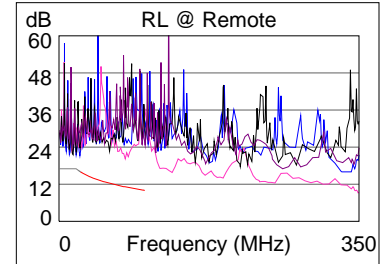
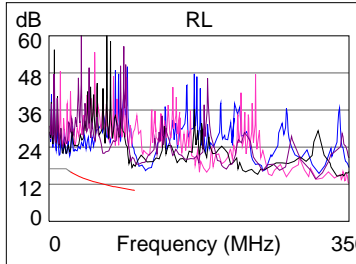
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.7	5.6	6.7	6.6
Freq. (MHz)	1.6	2.3	100.0	100.0
Limit (dB)	53.2	50.4	17.4	17.4
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	8.4	8.4	9.5	9.4
Freq. (MHz)	1.0	1.1	100.0	100.0
Limit (dB)	54.4	53.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	12.4	12.0	21.8	23.9
Freq. (MHz)	3.5	3.6	84.0	96.8
Limit (dB)	50.3	50.0	9.6	6.7
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.5	13.6	24.0	26.2
Freq. (MHz)	2.6	2.3	84.0	96.8
Limit (dB)	49.9	51.3	6.6	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	36	45	36
<b>RL (dB)</b>	6.8	8.3	6.8	9.0
Freq. (MHz)	97.3	26.5	97.3	77.0
Limit (dB)	10.1	15.8	10.1	11.1



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



**Cable ID: D1-41**

**Test Summary: FAIL**

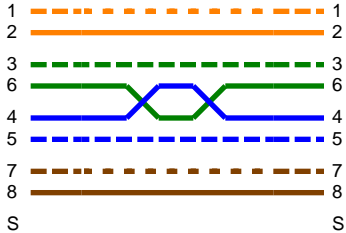
Date / Time: 08/24/2009 03:28:28pm  
 Headroom: -37.5 dB (NEXT 36-45)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

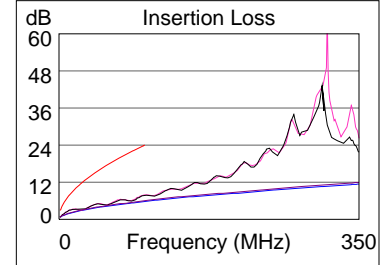
Wire Map (T568B)

**FAIL**

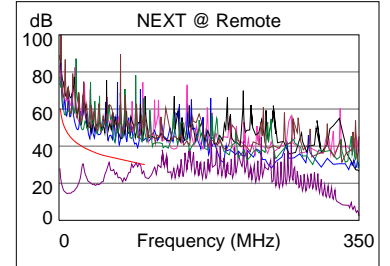
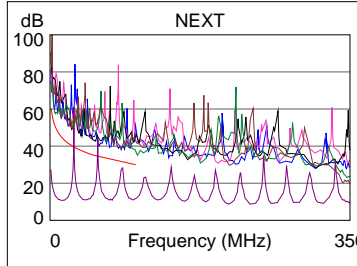


Split pairs detected: 36-45

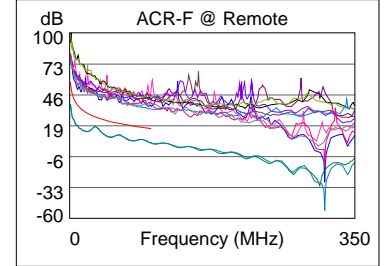
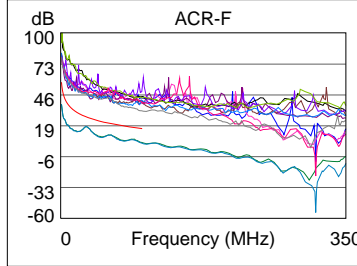
Length (m), Limit 100.0	[Pair 45]	29.0
Prop. Delay (ns), Limit 555		144
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 36]	16.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



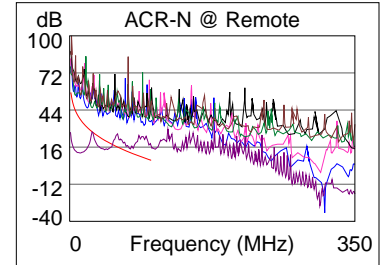
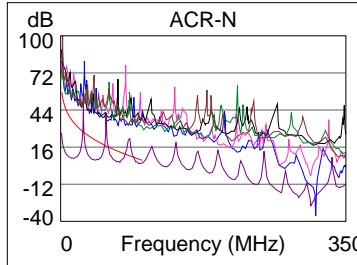
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	<b>-37.5 F</b>	<b>-36.1 F</b>	-34.3	-33.1
Freq. (MHz)	2.8	2.5	13.3	9.4
Limit (dB)	56.2	56.9	45.0	47.5
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	<b>-34.5 F</b>	<b>-33.1 F</b>	-31.3	-30.1
Freq. (MHz)	2.8	2.5	13.3	9.4
Limit (dB)	53.2	53.9	42.0	44.5



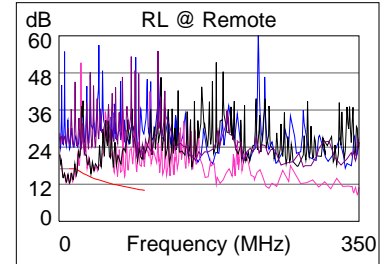
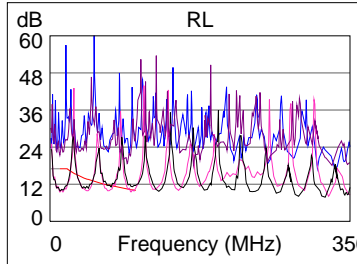
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	<b>-20.3 F</b>	<b>-20.3 F</b>	-12.7	-12.6
Freq. (MHz)	3.0	3.0	100.0	100.0
Limit (dB)	47.9	47.9	17.4	17.4
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	<b>-17.3 F</b>	<b>-17.3 F</b>	-9.7	-9.7
Freq. (MHz)	3.0	3.0	100.0	100.0
Limit (dB)	44.9	44.9	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>	<b>-34.9</b>	<b>-33.8</b>	-3.5	-25.8
Freq. (MHz)	2.5	1.9	96.3	12.5
Limit (dB)	53.4	55.8	6.8	37.4
Worst Pair	36	45	36	36
<b>PS ACR-N (dB)</b>	<b>-31.9</b>	<b>-30.8</b>	-0.7	-23.0
Freq. (MHz)	2.5	1.9	96.0	12.3
Limit (dB)	50.4	52.8	3.9	34.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	<b>-7.5 F</b>	<b>-4.9 F</b>	-7.5	-4.9
Freq. (MHz)	11.5	12.0	11.5	12.0
Limit (dB)	17.0	17.0	17.0	17.0



### Cable ID: D1-40

### Test Summary: FAIL

Date / Time: 08/24/2009 12:09:55pm  
 Headroom: -7.7 dB (NEXT 36-45)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

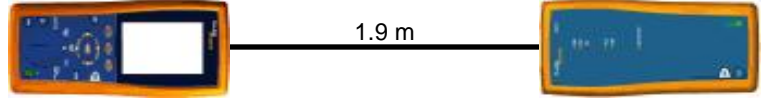
Operator: NANCY RAMON  
 Software Version: 2.1200  
 Limits Version: 1.2800  
 NVP: 69.0%

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

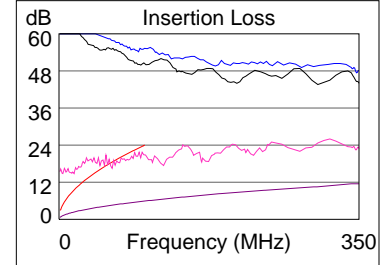
#### Wire Map (T568B)

**FAIL**

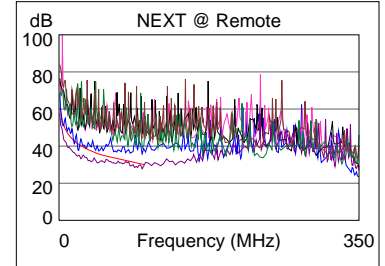
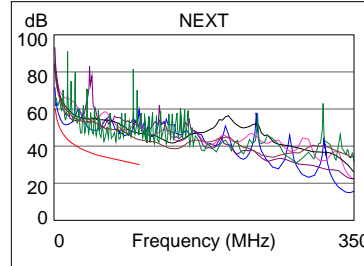
1	1.9 m	25.2 m	1
2	1.9 m	25.2 m	2
3	2.1 m	25.7 m	3
6			6
4	1.9 m	25.4 m	4
5	1.9 m	25.4 m	5
7			7
8			8
S			S



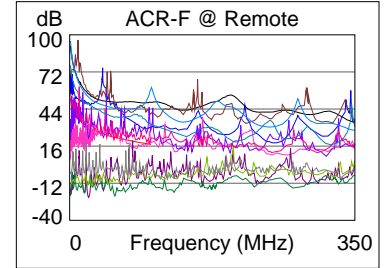
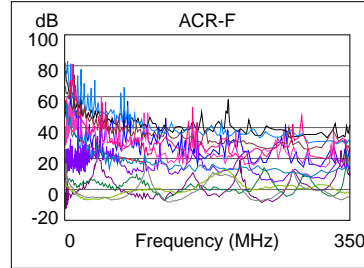
Length (m), Limit 100.0	[Pair 12]	1.9
Prop. Delay (ns), Limit 555		135
Delay Skew (ns), Limit 50		126 F
Resistance (ohms)	[Pair 12]	Open
Insertion Loss Margin (dB)	[Pair 12]	-85.8 F
Frequency (MHz)	[Pair 12]	1.0
Limit (dB)	[Pair 12]	3.0



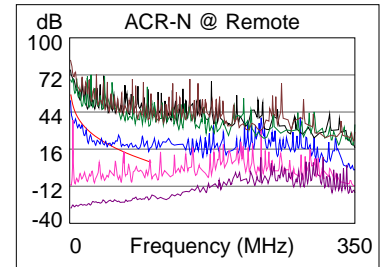
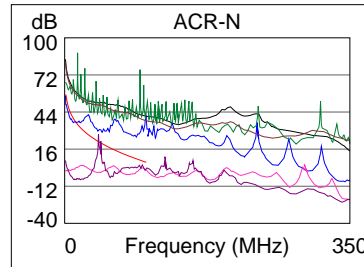
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12-36	36-45	36-78	36-45
<b>NEXT (dB)</b>	4.2	-7.7 F	8.2	-2.5
Freq. (MHz)	2.1	5.8	58.8	97.0
Limit (dB)	58.0	51.0	34.0	30.3
Worst Pair	36	36	78	36
<b>PS NEXT (dB)</b>	5.7	-5.4 F	13.1	-0.4
Freq. (MHz)	2.1	5.4	99.0	97.3
Limit (dB)	55.0	48.4	27.2	27.3



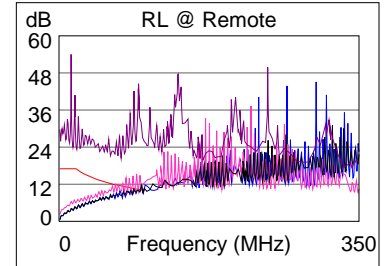
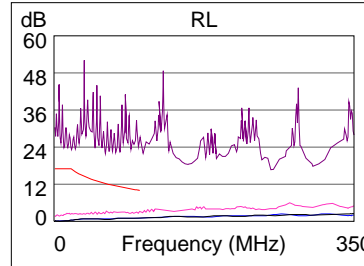
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	36-12	36-45	36-12	36-12
<b>ACR-F (dB)</b>	-57.3 F	-79.1 F	-57.3	-52.8
Freq. (MHz)	3.3	1.0	3.3	23.1
Limit (dB)	47.2	57.4	47.2	30.1
Worst Pair	12	36	12	36
<b>PS ACR-F (dB)</b>	-43.5 F	-65.2 F	-22.4	-65.2
Freq. (MHz)	7.3	1.3	95.3	1.3
Limit (dB)	37.2	52.5	14.8	52.5



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	-57.7	-85.8	-39.2	-85.8
Freq. (MHz)	1.0	1.5	19.5	1.5
Limit (dB)	57.0	57.0	32.1	57.0
Worst Pair	12	45	12	45
<b>PS ACR-N (dB)</b>	-76.3	-82.9	-76.3	-82.9
Freq. (MHz)	1.3	1.5	1.3	1.5
Limit (dB)	54.0	54.0	54.0	54.0



	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	45	12	45	12
<b>RL (dB)</b>	-17.0 F	-16.5 F	-17.0	-16.5
Freq. (MHz)	6.0	1.0	6.0	1.0
Limit (dB)	17.0	17.0	17.0	17.0





### Cable ID: D1-39

### Test Summary: PASS

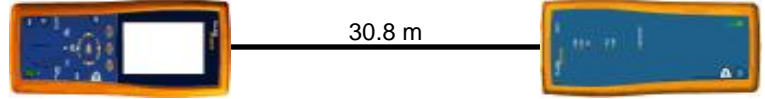
Date / Time: 08/24/2009 03:29:48pm  
**Headroom: 6.9 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

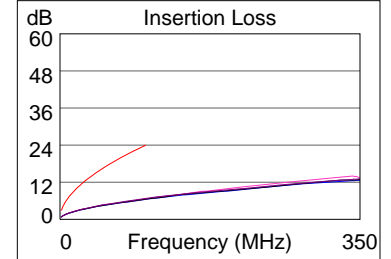
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

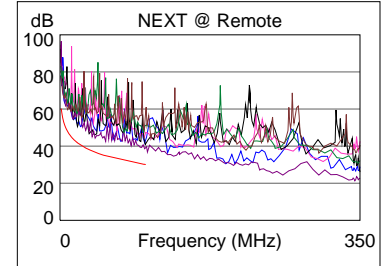
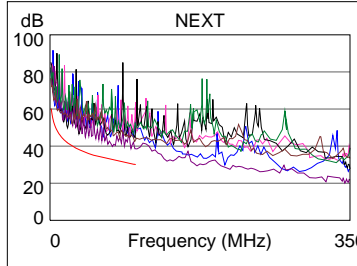
**PASS**



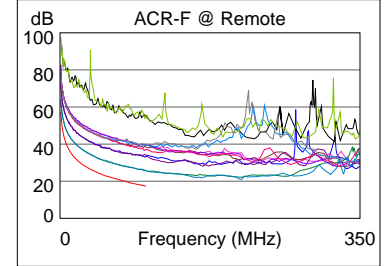
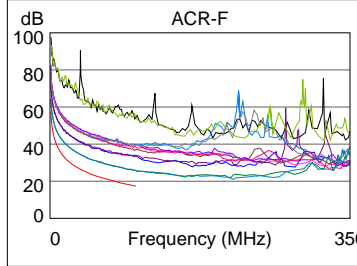
Length (m), Limit 100.0	[Pair 12]	30.8
Prop. Delay (ns), Limit 555		152
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.8
Insertion Loss Margin (dB)	[Pair 36]	17.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



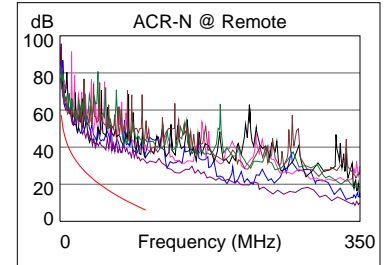
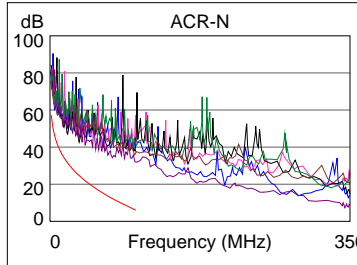
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.9	6.9	8.2	8.0
Freq. (MHz)	72.0	41.8	98.5	98.3
Limit (dB)	32.5	36.6	30.2	30.2
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	9.1	8.6	9.6	9.2
Freq. (MHz)	71.8	41.8	98.5	98.3
Limit (dB)	29.6	33.6	27.2	27.2



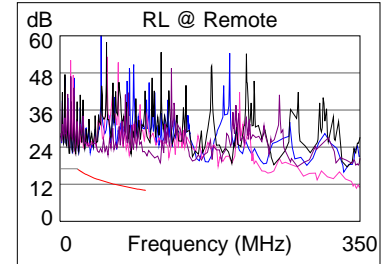
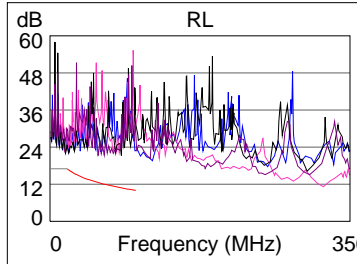
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	6.3	6.3	8.3	8.1
Freq. (MHz)	1.0	1.0	98.8	98.3
Limit (dB)	57.4	57.4	17.5	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	8.9	8.7	10.5	10.3
Freq. (MHz)	1.3	1.0	99.8	98.8
Limit (dB)	52.5	54.4	14.4	14.5



	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>	14.5	15.4	25.6	25.4
Freq. (MHz)	5.6	5.0	98.8	98.3
Limit (dB)	45.8	47.0	6.3	6.4
Worst Pair	36	36	45	36
<b>PS ACR-N (dB)</b>	16.0	15.6	27.0	26.4
Freq. (MHz)	5.6	5.9	98.5	98.3
Limit (dB)	42.8	42.4	3.4	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	45	45	36
<b>RL (dB)</b>	5.7	6.7	10.2	10.0
Freq. (MHz)	22.3	22.3	82.8	81.3
Limit (dB)	16.5	16.5	10.8	10.9



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



### Cable ID: D1-38

### Test Summary: PASS

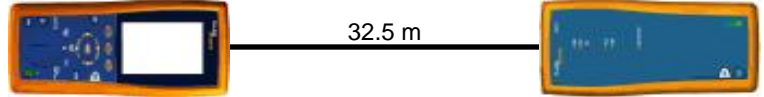
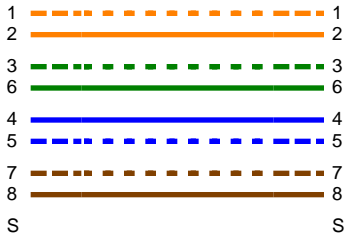
Date / Time: 08/24/2009 03:46:57pm  
**Headroom: 2.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

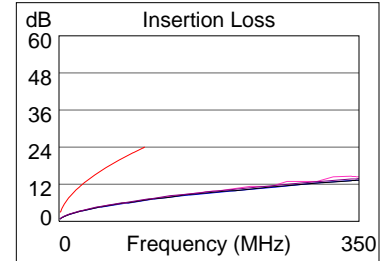
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

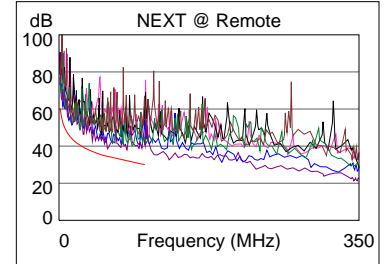
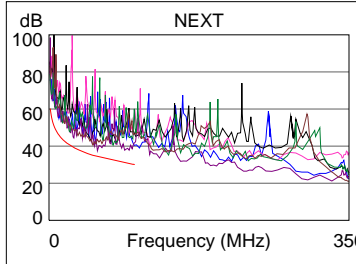
**PASS**



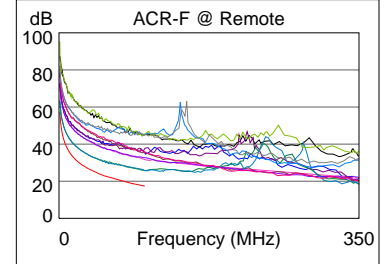
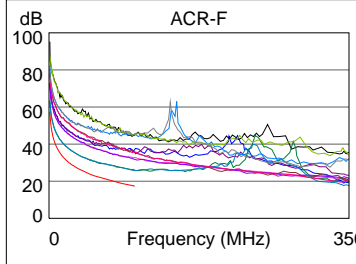
Length (m), Limit 100.0	[Pair 12]	32.5
Prop. Delay (ns), Limit 555		162
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 36]	17.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



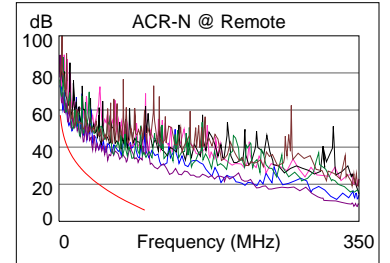
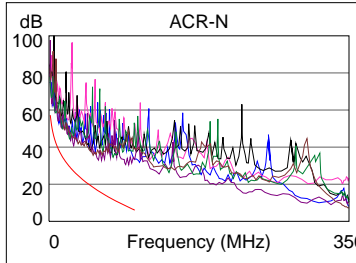
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	2.6	3.3	5.6	3.3
Freq. (MHz)	57.0	57.0	89.0	57.0
Limit (dB)	34.3	34.3	31.0	34.3
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	4.8	5.8	4.8	7.7
Freq. (MHz)	57.0	57.0	57.0	92.8
Limit (dB)	31.3	31.3	31.3	27.6



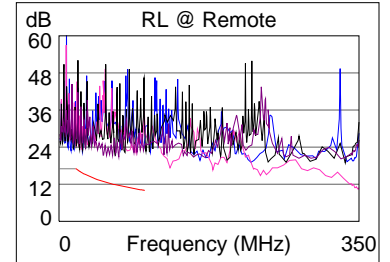
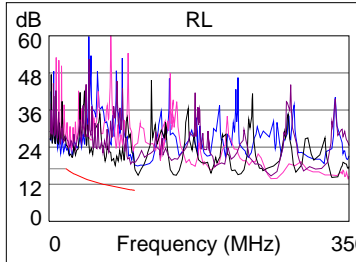
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	45-36
<b>ACR-F (dB)</b>	5.7	5.7	7.9	8.3
Freq. (MHz)	1.0	1.0	95.8	99.5
Limit (dB)	57.4	57.4	17.8	17.4
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	8.2	8.2	10.2	10.3
Freq. (MHz)	1.0	1.0	95.8	99.8
Limit (dB)	54.4	54.4	14.8	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>	12.3	11.8	21.8	23.8
Freq. (MHz)	2.8	3.0	89.0	92.5
Limit (dB)	52.5	51.7	8.4	7.7
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.9	12.8	25.7	24.1
Freq. (MHz)	2.8	3.4	96.5	92.8
Limit (dB)	49.5	47.7	3.8	4.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	12	45	78
<b>RL (dB)</b>	4.8	6.8	7.3	9.2
Freq. (MHz)	27.0	27.3	100.0	69.8
Limit (dB)	15.7	15.7	10.0	11.6



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

**Cable ID: D1-37**

**Test Summary: N/A**

Date / Time: 08/24/2009 03:31:59pm  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

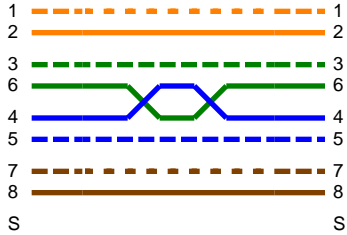
Operator: NANCY RAMON  
 Software Version: 2.1200  
 Limits Version: 1.2800  
 NVP: 69.0%

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

Wire Map (T568B)

Split pairs detected: 36-45

**FAIL**



Length (m)		N/A
Prop. Delay (ns)	[Pair 78]	164
Resistance (ohms)	[Pair 12]	7.1



### Cable ID: D1-36

### Test Summary: PASS

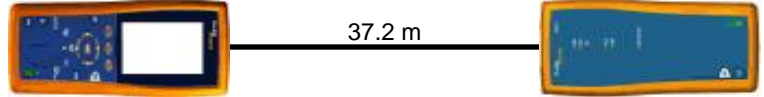
Date / Time: 08/24/2009 03:33:13pm  
**Headroom: 3.4 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

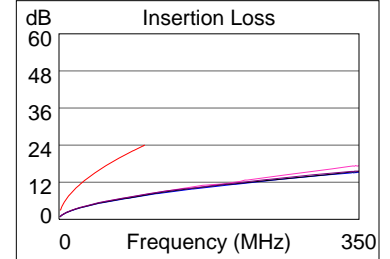
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

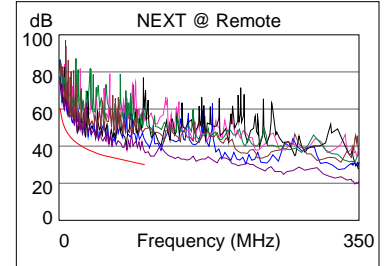
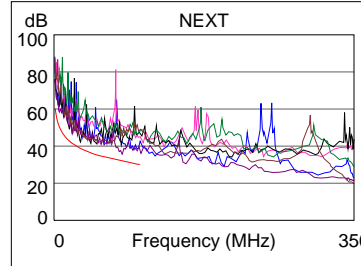
**PASS**



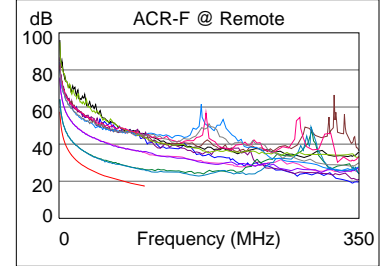
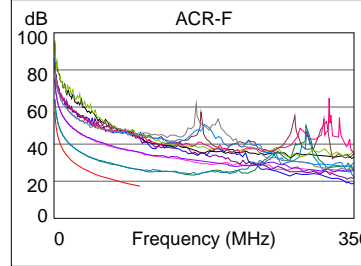
Length (m), Limit 100.0	[Pair 12]	37.2
Prop. Delay (ns), Limit 555		184
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	6.9
Insertion Loss Margin (dB)	[Pair 36]	16.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



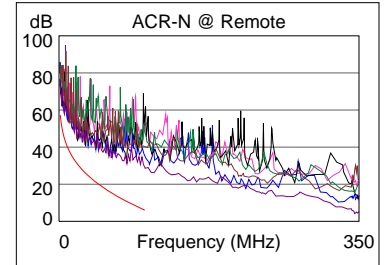
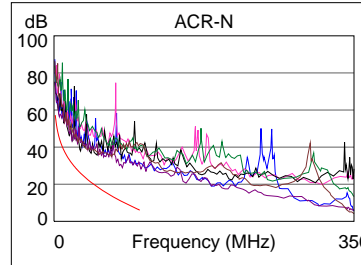
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.4	5.3	3.8	5.3
Freq. (MHz)	30.6	79.8	79.5	79.8
Limit (dB)	38.9	31.8	31.8	31.8
Worst Pair	12	36	36	45
<b>PS NEXT (dB)</b>	5.2	7.1	5.7	7.7
Freq. (MHz)	30.6	61.5	79.5	79.8
Limit (dB)	35.9	30.7	28.8	28.8



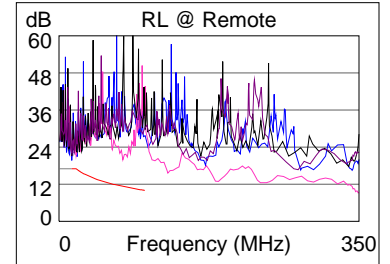
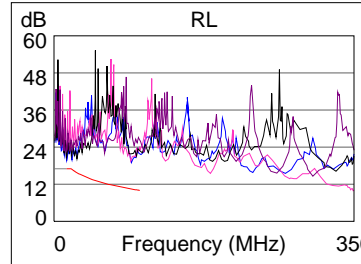
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.7	6.7	8.6	8.4
Freq. (MHz)	1.0	1.0	97.8	97.8
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	9.4	9.4	11.0	11.1
Freq. (MHz)	1.0	1.0	97.8	99.3
Limit (dB)	54.4	54.4	14.6	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-36	36-45	36-45
<b>ACR-N (dB)</b>	10.9	11.6	18.2	19.7
Freq. (MHz)	2.5	3.3	79.5	79.8
Limit (dB)	53.4	51.0	10.6	10.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.0	12.4	23.3	26.2
Freq. (MHz)	2.9	3.1	97.5	100.0
Limit (dB)	49.1	48.4	3.6	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	36
<b>RL (dB)</b>	3.0	3.9	8.4	8.4
Freq. (MHz)	20.9	20.9	90.5	74.0
Limit (dB)	16.8	16.8	10.4	11.3



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



**Cable ID: D1-35**

**Test Summary: FAIL**

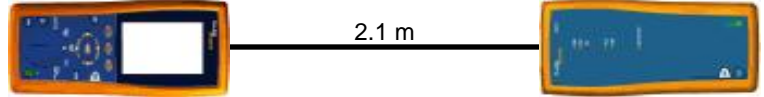
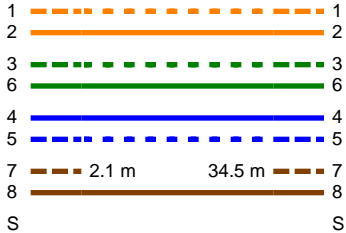
Date / Time: 08/24/2009 03:45:10pm  
 Headroom: **-4.5 dB (NEXT 45-78)**  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

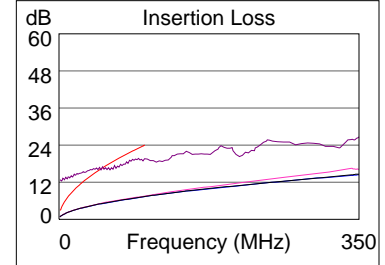
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

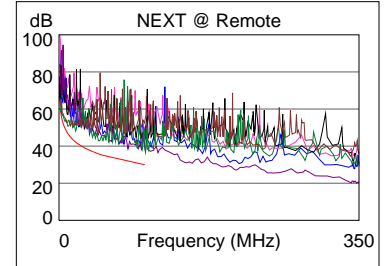
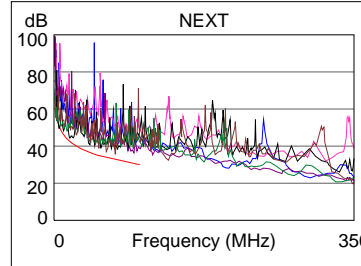
**FAIL**



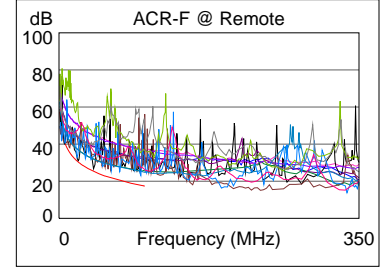
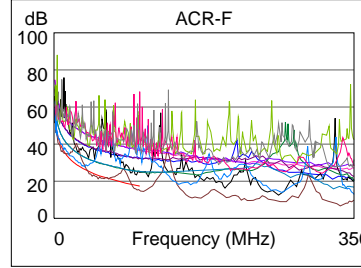
Length (m), Limit 100.0	[Pair 78]	2.1
Prop. Delay (ns), Limit 555		175
Delay Skew (ns), Limit 50		<b>165 F</b>
Resistance (ohms)	[Pair 78]	Open
Insertion Loss Margin (dB)	[Pair 78]	<b>-9.8 F</b>
Frequency (MHz)	[Pair 78]	1.6
Limit (dB)	[Pair 78]	3.0



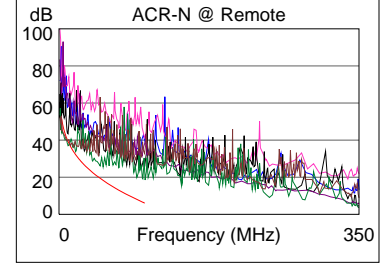
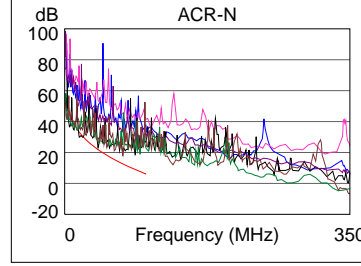
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	45-78	36-78	45-78	36-78
<b>NEXT (dB)</b>	<b>-4.5 F</b>	<b>-0.9 F</b>	3.0	6.9
Freq. (MHz)	2.0	1.8	71.5	91.5
Limit (dB)	58.4	59.4	32.6	30.7
Worst Pair	78	78	78	36
<b>PS NEXT (dB)</b>	<b>-3.8 F</b>	<b>-0.1*F</b>	3.8	8.1
Freq. (MHz)	2.9	1.8	71.3	91.0
Limit (dB)	52.9	56.4	29.6	27.8



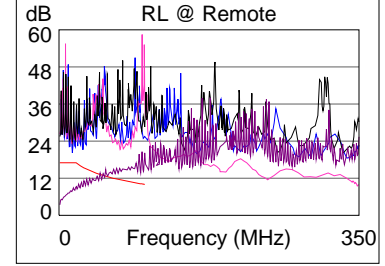
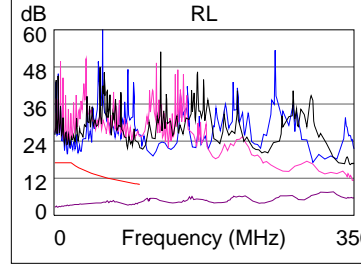
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12-78	45-78	36-78	45-78
<b>ACR-F (dB)</b>	<b>-6.1 F</b>	<b>-9.0 F</b>	-2.7	5.3
Freq. (MHz)	1.8	1.0	100.0	95.5
Limit (dB)	52.5	57.4	17.4	17.8
Worst Pair	78	12	78	36
<b>PS ACR-F (dB)</b>	<b>-4.9 F</b>	<b>-3.2 F</b>	-0.2	-0.2
Freq. (MHz)	1.3	1.8	100.0	100.0
Limit (dB)	52.5	49.5	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	36-78	45-78	36-78
<b>ACR-N (dB)</b>	<b>-14.1</b>	<b>-10.6</b>	5.3	10.5
Freq. (MHz)	2.0	1.8	71.5	91.5
Limit (dB)	55.3	56.4	12.6	7.9
Worst Pair	78	78	78	78
<b>PS ACR-N (dB)</b>	<b>-12.3</b>	<b>-9.8</b>	6.2	13.2
Freq. (MHz)	2.9	1.8	71.3	91.5
Limit (dB)	49.1	53.4	9.6	4.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	78	78	78	78
<b>RL (dB)</b>	<b>-14.4 F</b>	<b>-13.6 F</b>	-14.4	-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: D1-34

### Test Summary: PASS

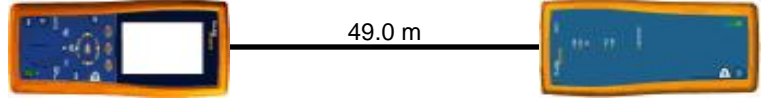
Date / Time: 08/24/2009 03:42:20pm  
**Headroom: 5.7 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

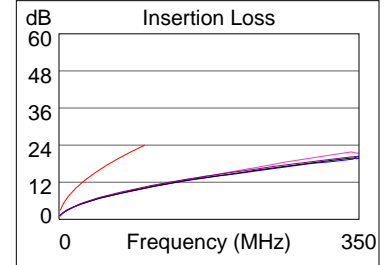
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

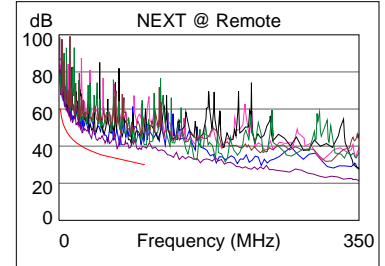
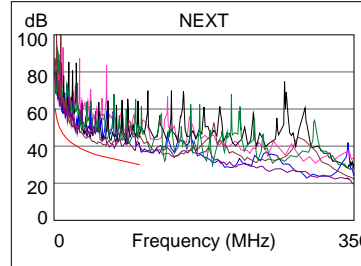
**PASS**



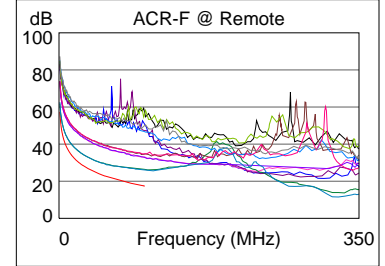
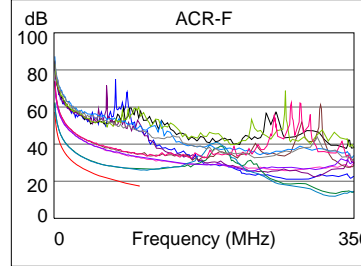
Length (m), Limit 100.0	[Pair 12]	49.0
Prop. Delay (ns), Limit 555		244
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 12]	8.9
Insertion Loss Margin (dB)	[Pair 78]	13.6
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



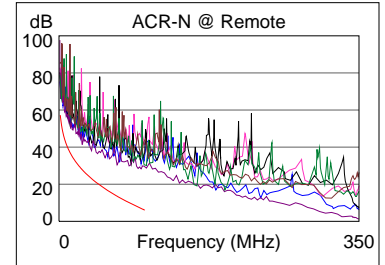
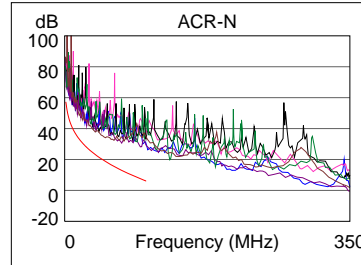
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.7	5.7	7.2	6.5
Freq. (MHz)	67.5	67.8	94.8	95.0
Limit (dB)	33.0	33.0	30.5	30.5
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	6.6	7.3	6.6	7.9
Freq. (MHz)	67.5	70.3	67.5	95.3
Limit (dB)	30.0	29.7	30.0	27.4



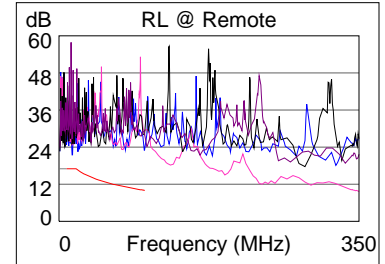
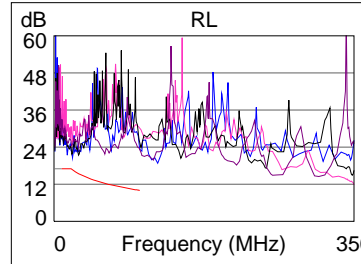
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	45-36
<b>ACR-F (dB)</b>	4.5	4.4	8.6	8.5
Freq. (MHz)	1.0	1.0	99.3	96.3
Limit (dB)	57.4	57.4	17.5	17.7
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	7.2	7.2	11.0	10.8
Freq. (MHz)	1.0	1.0	98.5	99.3
Limit (dB)	54.4	54.4	14.5	14.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	11.2	10.8	20.7	20.1
Freq. (MHz)	1.9	2.0	94.8	95.0
Limit (dB)	55.8	55.3	7.2	7.1
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	11.7	11.3	23.2	21.2
Freq. (MHz)	2.1	2.0	98.3	95.3
Limit (dB)	51.8	52.3	3.4	4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	3.8	4.1	3.8	4.1
Freq. (MHz)	21.6	15.5	21.8	15.5
Limit (dB)	16.7	17.0	16.6	17.0



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



### Cable ID: D1-33

### Test Summary: PASS

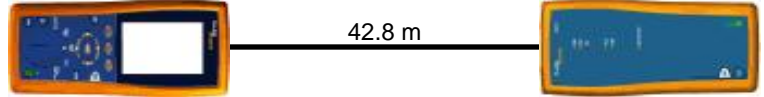
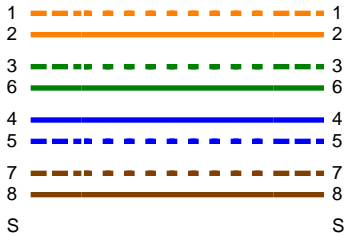
Date / Time: 08/24/2009 03:43:29pm  
**Headroom: 3.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

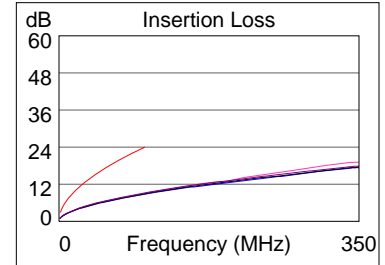
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

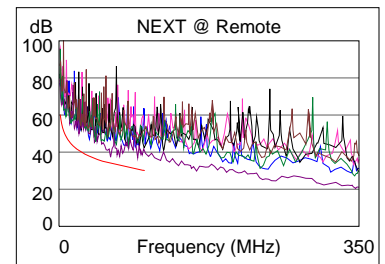
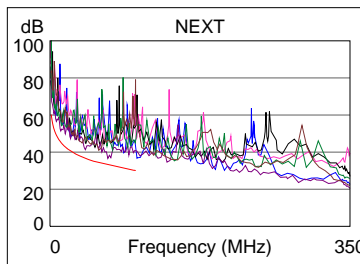
**PASS**



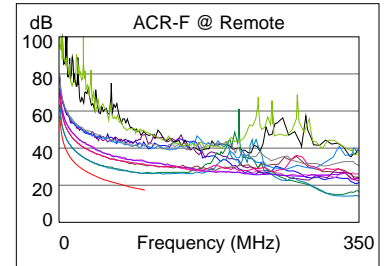
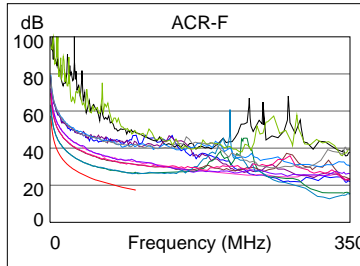
Length (m), Limit 100.0	[Pair 12]	42.8
Prop. Delay (ns), Limit 555		213
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.8
Insertion Loss Margin (dB)	[Pair 78]	14.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



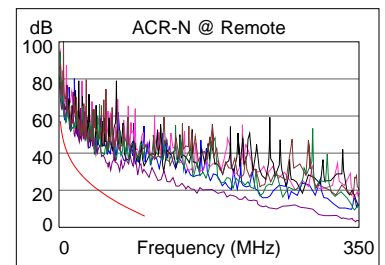
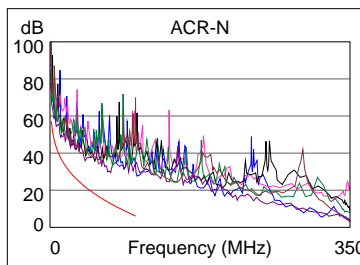
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.1	3.7	3.1	6.7
Freq. (MHz)	68.0	60.3	68.0	100.0
Limit (dB)	33.0	33.9	33.0	30.1
Worst Pair	45	36	45	36
<b>PS NEXT (dB)</b>	5.5	6.3	5.5	8.1
Freq. (MHz)	68.0	60.3	68.0	91.8
Limit (dB)	30.0	30.9	30.0	27.7



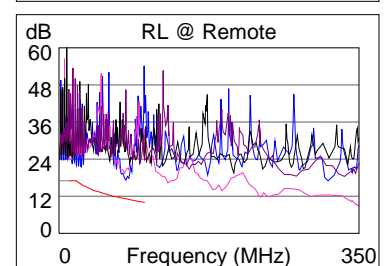
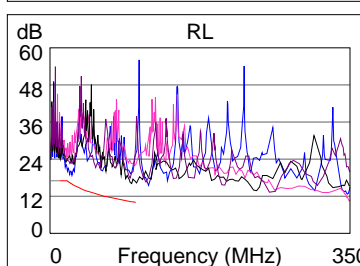
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	5.5	5.5	8.4	8.5
Freq. (MHz)	2.0	1.5	95.3	95.3
Limit (dB)	51.4	53.9	17.8	17.8
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	7.5	7.6	10.2	10.3
Freq. (MHz)	2.3	1.5	95.3	94.8
Limit (dB)	47.4	50.9	14.8	14.9



	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>	10.3	10.8	15.4	21.8
Freq. (MHz)	2.4	2.5	68.0	100.0
Limit (dB)	53.8	53.4	13.5	6.1
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	11.7	12.4	24.4	22.4
Freq. (MHz)	6.6	2.5	100.0	91.8
Limit (dB)	41.2	50.4	3.1	4.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	45	12
<b>RL (dB)</b>	2.6	4.9	5.6	5.7
Freq. (MHz)	23.0	15.3	94.5	78.5
Limit (dB)	16.4	17.0	10.3	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: D1-32**

**Test Summary: PASS**

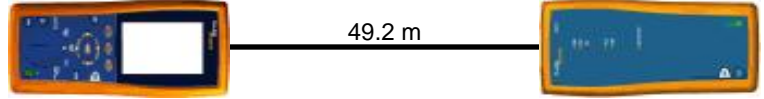
Date / Time: 08/24/2009 03:39:40pm  
**Headroom: 5.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

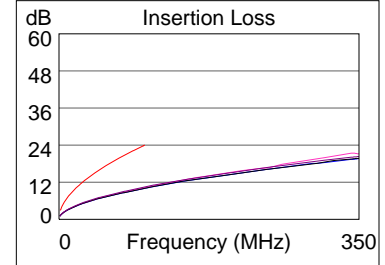
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

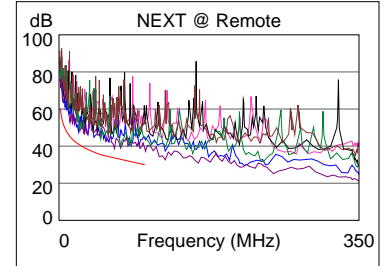
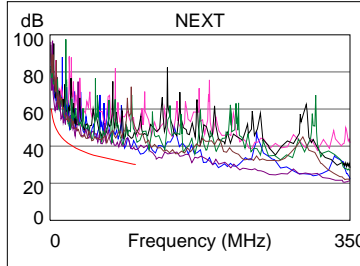
**PASS**



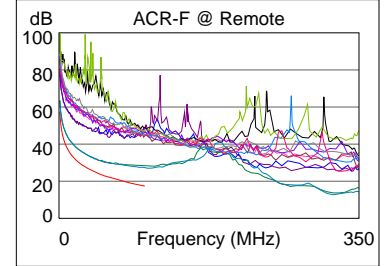
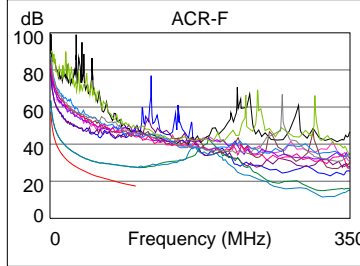
Length (m), Limit 100.0	[Pair 12]	49.2
Prop. Delay (ns), Limit 555		245
Delay Skew (ns), Limit 50		7
Resistance (ohms)	[Pair 78]	8.9
Insertion Loss Margin (dB)	[Pair 78]	13.5
Frequency (MHz)	[Pair 78]	99.8
Limit (dB)	[Pair 78]	24.0



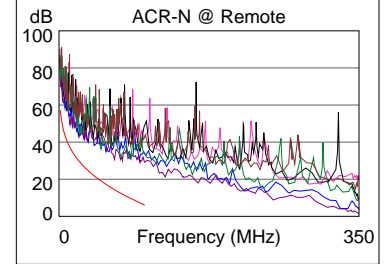
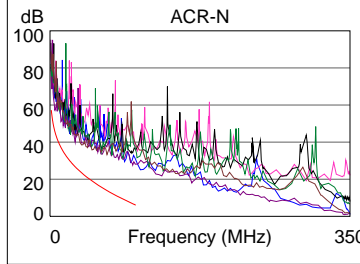
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.0	5.4	6.9	7.7
Freq. (MHz)	29.3	64.8	96.8	96.8
Limit (dB)	39.2	33.3	30.3	30.3
Worst Pair	78	36	36	36
<b>PS NEXT (dB)</b>	6.9	6.6	8.3	7.4
Freq. (MHz)	49.0	72.0	96.5	83.5
Limit (dB)	32.4	29.5	27.3	28.4



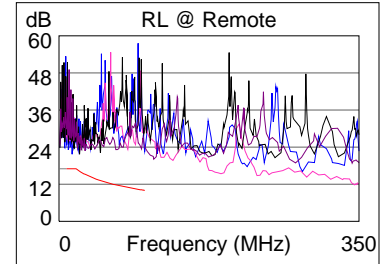
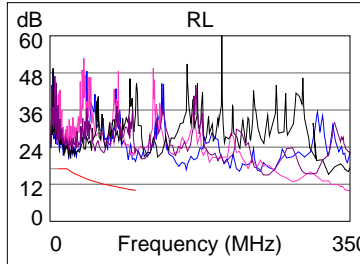
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	5.7	5.7	9.6	9.8
Freq. (MHz)	1.5	1.9	96.0	98.5
Limit (dB)	53.9	51.9	17.8	17.5
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	8.6	8.5	12.3	12.5
Freq. (MHz)	1.9	1.5	93.5	96.5
Limit (dB)	48.9	50.9	15.0	14.7



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	11.4	12.3	20.7	21.4
Freq. (MHz)	5.5	12.8	96.8	97.0
Limit (dB)	46.0	37.2	6.7	6.7
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.4	13.7	21.7	22.7
Freq. (MHz)	5.5	4.6	96.5	96.8
Limit (dB)	43.0	44.7	3.8	3.7



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	3.8	4.4	9.4	4.4
Freq. (MHz)	21.9	15.5	99.5	15.5
Limit (dB)	16.6	17.0	10.0	17.0



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



**Cable ID: D1-31**

**Test Summary: PASS**

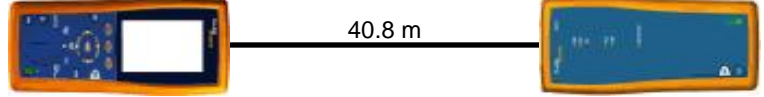
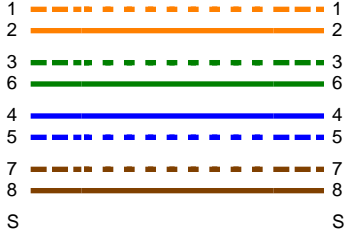
Date / Time: 08/24/2009 03:51:30pm  
**Headroom: 4.5 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

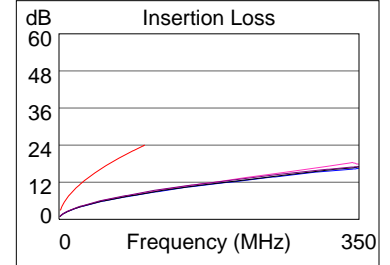
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

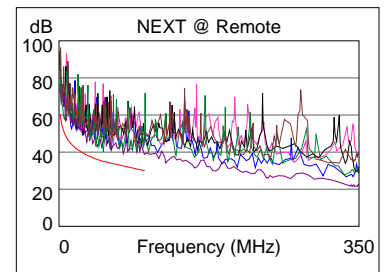
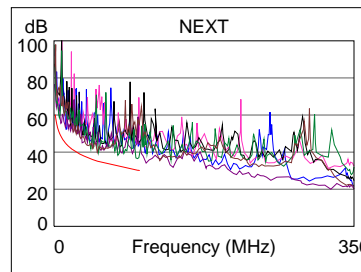
**PASS**



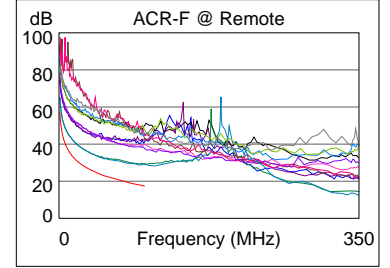
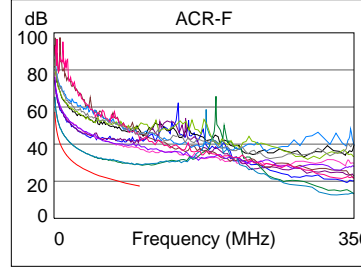
Length (m), Limit 100.0	[Pair 12]	40.8
Prop. Delay (ns), Limit 555		203
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.5
Insertion Loss Margin (dB)	[Pair 36]	15.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



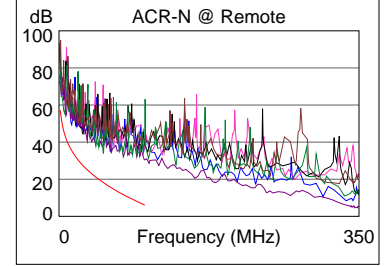
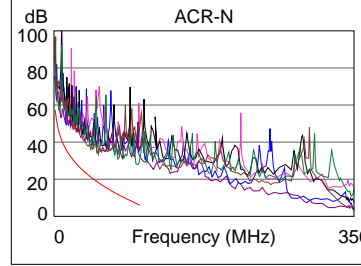
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	36-78	36-78	36-45
<b>NEXT (dB)</b>	4.5	5.1	6.0	8.6
Freq. (MHz)	52.0	51.8	98.0	99.3
Limit (dB)	35.0	35.0	30.2	30.1
Worst Pair	78	36	36	36
<b>PS NEXT (dB)</b>	4.9	6.4	7.5	9.3
Freq. (MHz)	51.3	51.8	98.8	99.0
Limit (dB)	32.1	32.0	27.2	27.2



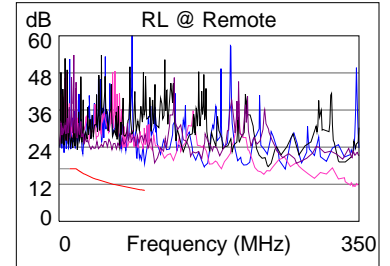
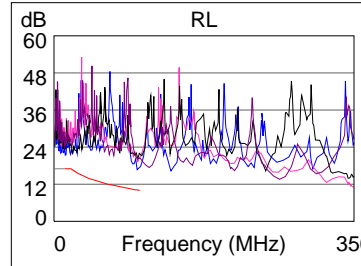
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	7.4	7.4	11.0	11.2
Freq. (MHz)	1.6	1.6	94.0	99.8
Limit (dB)	53.2	53.2	17.9	17.4
Worst Pair	36	36	45	45
<b>PS ACR-F (dB)</b>	10.0	10.2	13.4	13.8
Freq. (MHz)	1.6	2.1	94.0	97.3
Limit (dB)	50.2	47.9	14.9	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-78	36-78	36-45
<b>ACR-N (dB)</b>	10.4	10.6	21.1	24.1
Freq. (MHz)	2.8	5.9	98.3	99.3
Limit (dB)	52.5	45.4	6.4	6.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	11.2	12.2	22.8	24.6
Freq. (MHz)	2.4	2.3	98.8	99.0
Limit (dB)	50.8	51.3	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>	4.5	6.0	5.3	8.6
Freq. (MHz)	14.0	27.5	100.0	99.8
Limit (dB)	17.0	15.6	10.0	10.0



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



### Cable ID: D1-30

### Test Summary: PASS

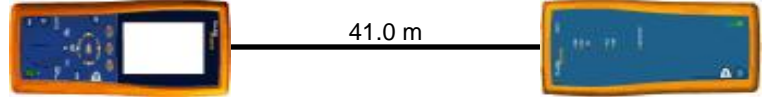
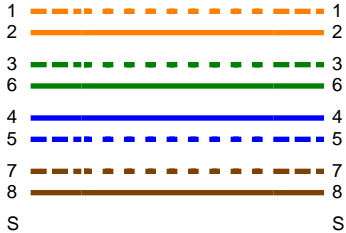
Date / Time: 08/24/2009 03:49:22pm  
**Headroom: 5.5 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

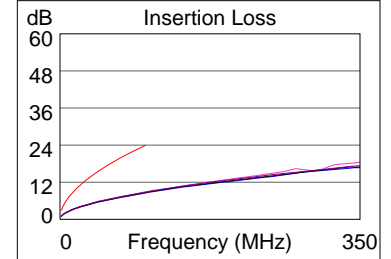
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

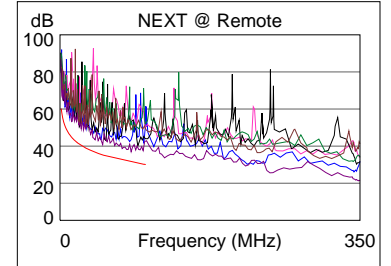
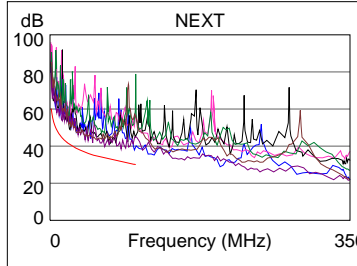
**PASS**



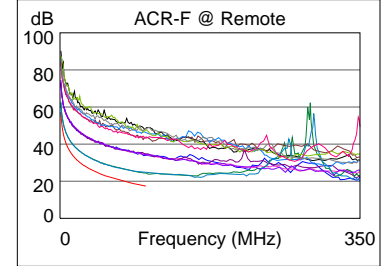
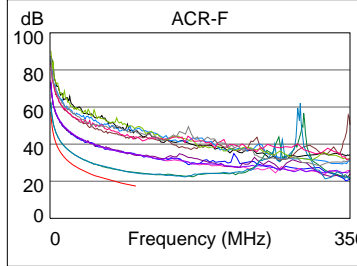
Length (m), Limit 100.0	[Pair 12]	41.0
Prop. Delay (ns), Limit 555		202
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	7.6
Insertion Loss Margin (dB)	[Pair 78]	15.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



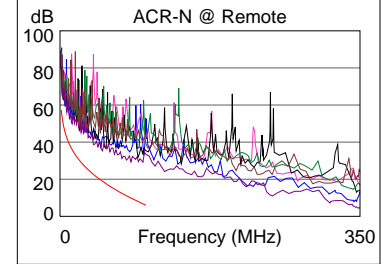
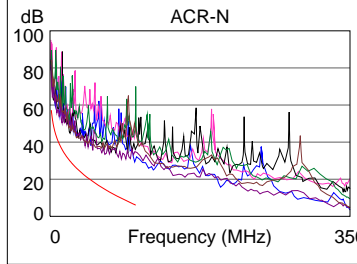
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	12-36	36-45
<b>NEXT (dB)</b>	5.9	5.5	7.7	6.1
Freq. (MHz)	41.3	49.8	98.5	94.3
Limit (dB)	36.7	35.3	30.2	30.5
Worst Pair	45	36	36	36
<b>PS NEXT (dB)</b>	7.1	6.8	9.8	7.5
Freq. (MHz)	41.3	47.3	99.3	83.0
Limit (dB)	33.7	32.7	27.1	28.5



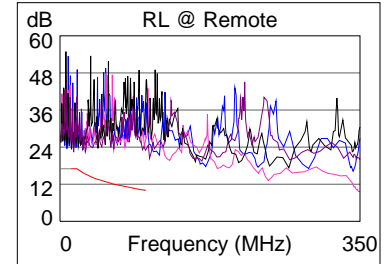
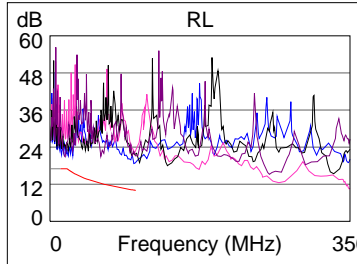
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	4.8	4.8	6.6	6.4
Freq. (MHz)	1.0	1.0	97.3	94.5
Limit (dB)	57.4	57.4	17.6	17.9
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	7.4	7.5	9.2	9.2
Freq. (MHz)	1.0	2.1	97.3	97.3
Limit (dB)	54.4	47.9	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	12-36	36-45
<b>ACR-N (dB)</b>	11.0	10.8	22.8	20.9
Freq. (MHz)	2.3	2.3	98.5	94.3
Limit (dB)	54.3	54.3	6.4	7.3
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.0	13.2	25.0	23.8
Freq. (MHz)	2.5	2.6	99.3	94.3
Limit (dB)	50.4	49.9	3.2	4.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	12	78
<b>RL (dB)</b>	3.9	5.5	8.6	12.2
Freq. (MHz)	17.3	15.9	97.8	99.3
Limit (dB)	17.0	17.0	10.1	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: D1-29

### Test Summary: PASS

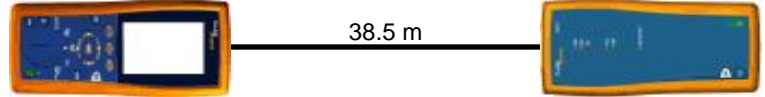
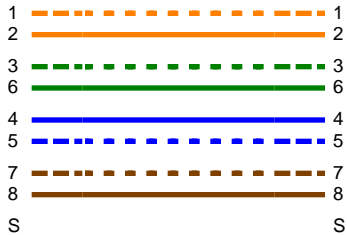
Date / Time: 08/24/2009 03:48:21pm  
**Headroom: 5.3 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

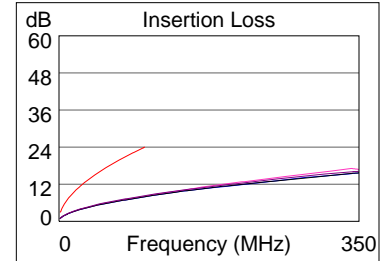
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

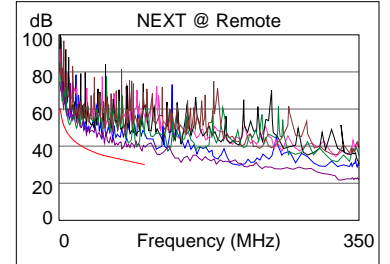
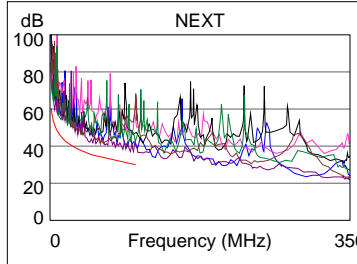
**PASS**



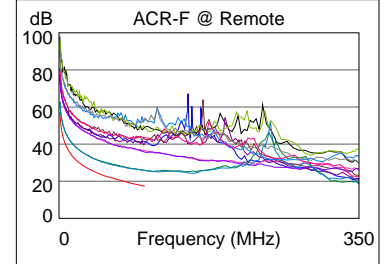
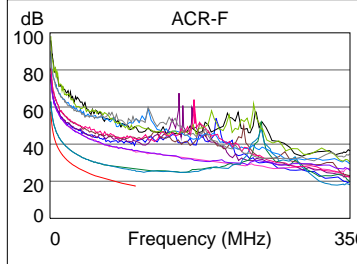
Length (m), Limit 100.0	[Pair 12]	38.5
Prop. Delay (ns), Limit 555		192
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.0
Insertion Loss Margin (dB)	[Pair 78]	15.7
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



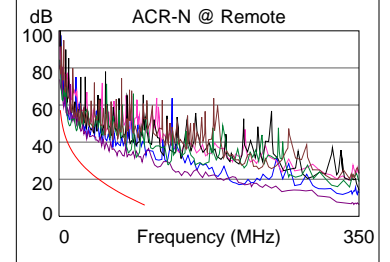
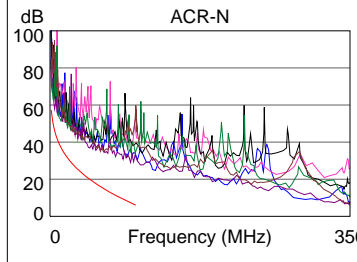
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.3	6.0	6.3	6.7
Freq. (MHz)	44.0	73.5	94.0	97.3
Limit (dB)	36.2	32.4	30.5	30.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.8	6.6	7.7	8.6
Freq. (MHz)	47.0	11.9	94.0	90.8
Limit (dB)	32.7	42.8	27.5	27.8



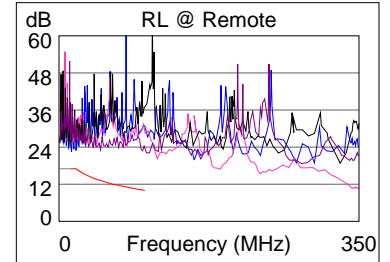
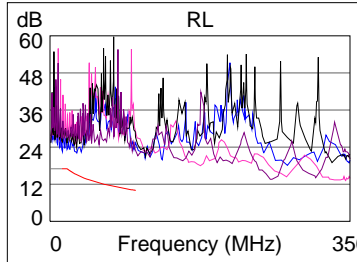
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.5	5.5	8.0	7.8
Freq. (MHz)	1.0	1.0	100.0	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	36	45	36
<b>PS ACR-F (dB)</b>	8.2	8.2	10.6	10.8
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	Worst Case Margin		Worst Case Value	
<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-45
<b>ACR-N (dB)</b>	11.4	11.1	21.8	22.6
Freq. (MHz)	5.1	11.9	94.0	97.3
Limit (dB)	46.7	38.0	7.3	6.6
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.6	11.8	23.1	23.7
Freq. (MHz)	4.8	11.5	94.5	90.8
Limit (dB)	44.5	35.4	4.2	5.0



	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
<b>RL (dB)</b>	6.1	5.8	7.0	9.3
Freq. (MHz)	20.1	20.0	31.0	45.8
Limit (dB)	17.0	17.0	15.1	13.4



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



## Cable ID: D1-28

## Test Summary: PASS

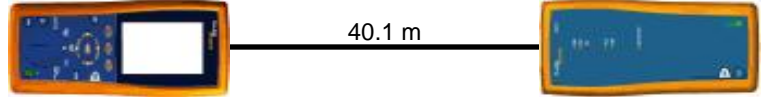
Date / Time: 08/24/2009 03:55:53pm  
**Headroom: 4.2 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

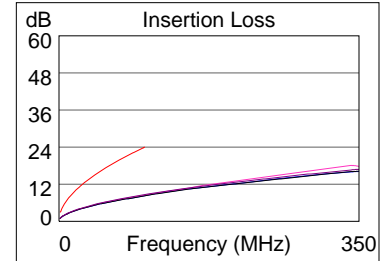
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

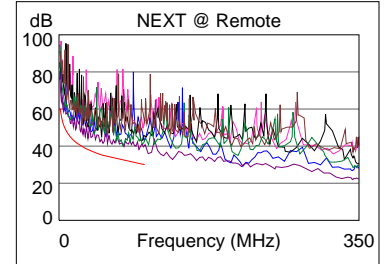
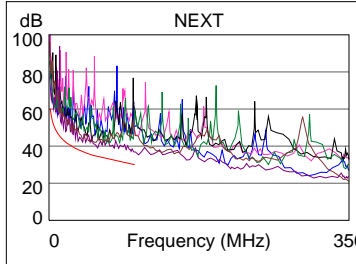
**PASS**



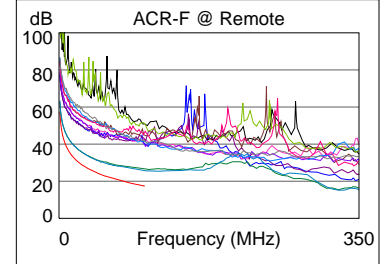
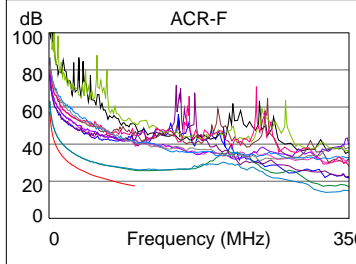
Length (m), Limit 100.0	[Pair 12]	40.1
Prop. Delay (ns), Limit 555		200
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 78]	15.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



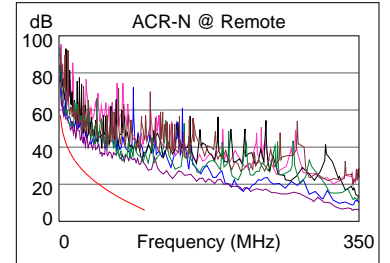
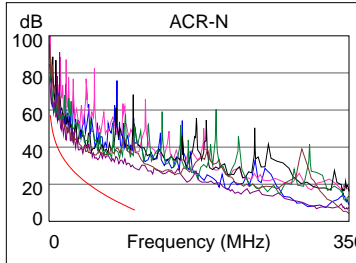
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.2	5.4	6.6	7.4
Freq. (MHz)	36.8	50.5	98.3	93.0
Limit (dB)	37.5	35.2	30.2	30.6
Worst Pair	45	36	36	36
<b>PS NEXT (dB)</b>	5.5	7.1	8.7	9.2
Freq. (MHz)	54.0	36.8	98.3	98.5
Limit (dB)	31.7	34.5	27.2	27.2



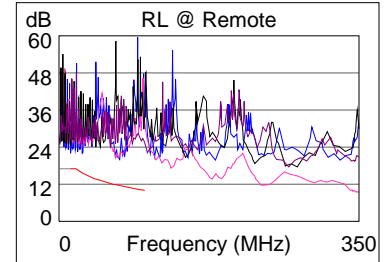
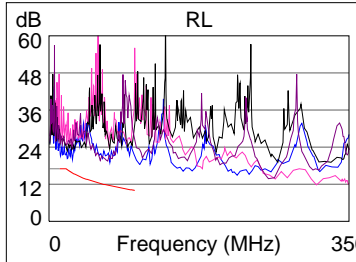
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.4	5.4	8.6	8.4
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	45	45	45
<b>PS ACR-F (dB)</b>	8.2	8.3	11.3	11.3
Freq. (MHz)	1.0	1.0	99.8	99.0
Limit (dB)	54.4	54.4	14.4	14.5



	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>	10.3	9.5	22.2	22.6
Freq. (MHz)	2.4	2.4	98.3	93.0
Limit (dB)	53.8	53.8	6.4	7.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.6	11.2	24.1	24.6
Freq. (MHz)	5.4	5.0	98.3	98.5
Limit (dB)	43.3	44.0	3.4	3.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	3.2	5.4	7.4	8.0
Freq. (MHz)	21.6	14.1	71.3	71.3
Limit (dB)	16.7	17.0	11.5	11.5



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



### Cable ID: D1-27

### Test Summary: PASS

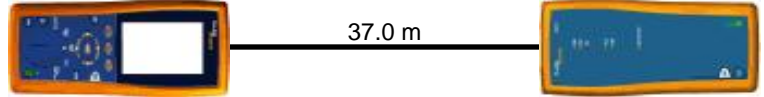
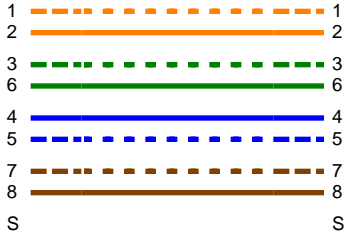
Date / Time: 08/24/2009 03:55:05pm  
**Headroom: 2.8 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

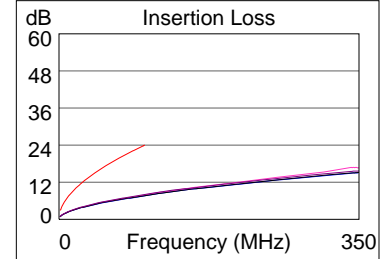
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

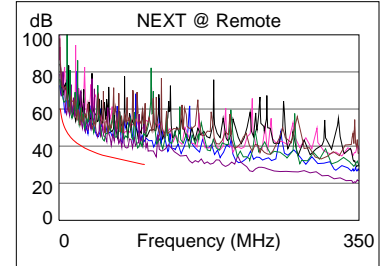
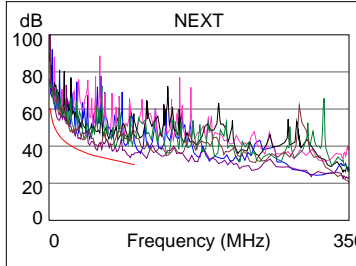
**PASS**



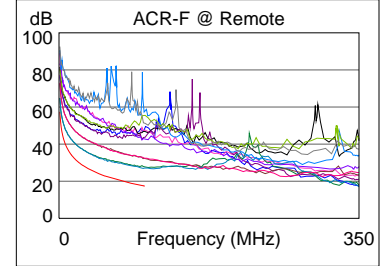
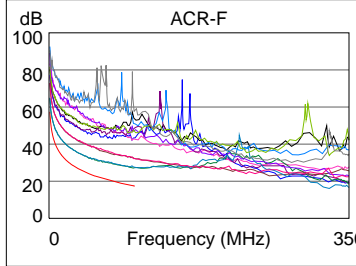
Length (m), Limit 100.0	[Pair 12]	37.0
Prop. Delay (ns), Limit 555		185
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	6.9
Insertion Loss Margin (dB)	[Pair 78]	16.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



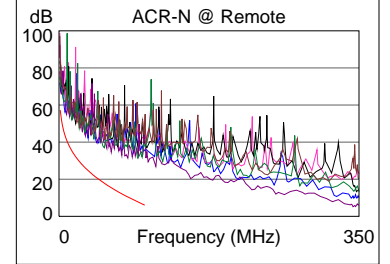
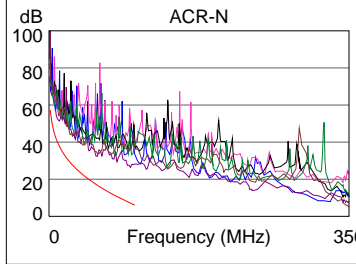
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	2.8	5.5	3.3	5.5
Freq. (MHz)	55.5	79.5	94.8	79.5
Limit (dB)	34.5	31.8	30.5	31.8
Worst Pair	45	36	36	36
<b>PS NEXT (dB)</b>	4.1	7.6	5.3	7.7
Freq. (MHz)	55.5	30.5	92.0	92.0
Limit (dB)	31.5	35.9	27.7	27.7



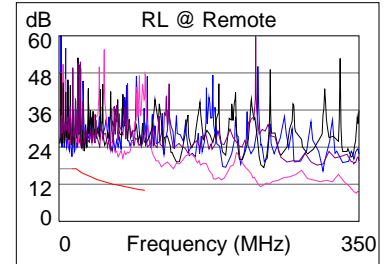
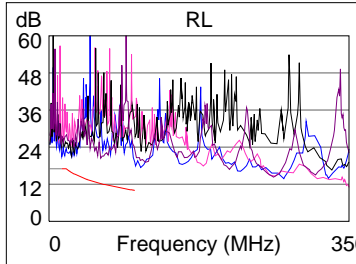
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	7.1	7.1	9.5	9.3
Freq. (MHz)	1.1	1.1	97.5	97.5
Limit (dB)	56.4	56.4	17.6	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	9.3	9.4	11.7	11.4
Freq. (MHz)	1.1	2.1	99.5	98.0
Limit (dB)	53.4	47.9	14.4	14.6



	Worst Case Margin		Worst Case Value	
<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
<b>ACR-N (dB)</b>	11.8	11.0	19.2	19.9
Freq. (MHz)	1.9	1.6	95.3	79.5
Limit (dB)	55.8	56.9	7.1	10.6
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.4	11.8	20.7	23.1
Freq. (MHz)	2.0	1.6	92.0	92.0
Limit (dB)	52.3	53.9	4.8	4.8



	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	36
<b>RL (dB)</b>	4.1	4.8	9.2	9.1
Freq. (MHz)	18.0	18.0	99.3	74.5
Limit (dB)	17.0	17.0	10.0	11.3



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





### Cable ID: D1-26

### Test Summary: PASS

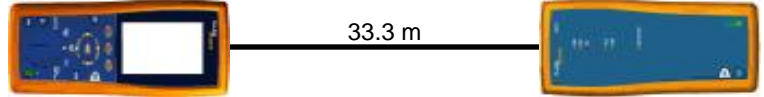
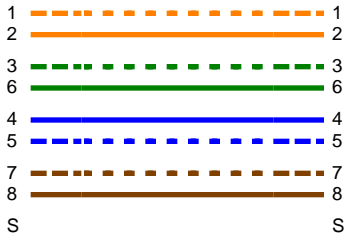
Date / Time: 08/24/2009 03:53:46pm  
**Headroom: 5.7 dB (NEXT 45-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

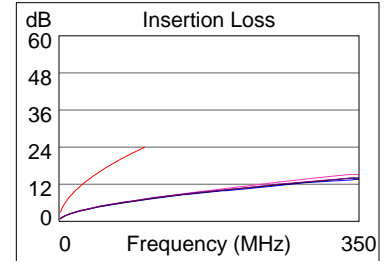
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

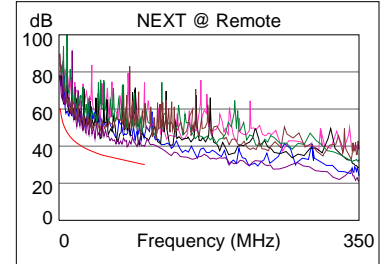
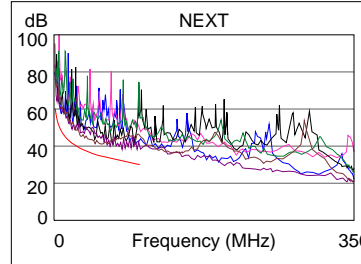
**PASS**



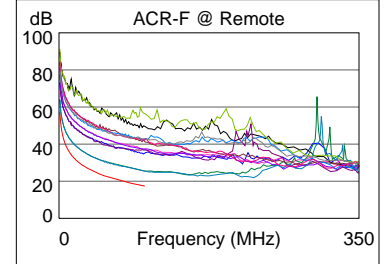
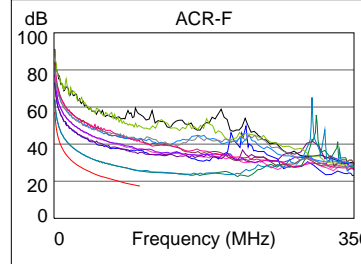
Length (m), Limit 100.0	[Pair 12]	33.3
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 78]	16.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



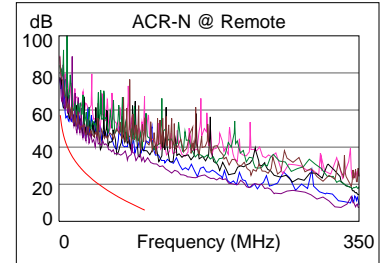
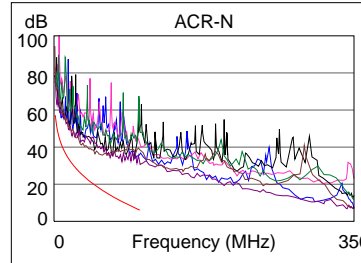
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-78	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.7	6.8	8.0	8.3
Freq. (MHz)	47.3	65.8	100.0	97.0
Limit (dB)	35.7	33.2	30.1	30.3
Worst Pair	78	36	36	36
<b>PS NEXT (dB)</b>	6.5	8.4	9.1	10.0
Freq. (MHz)	47.8	65.8	96.5	96.8
Limit (dB)	32.6	30.2	27.3	27.3



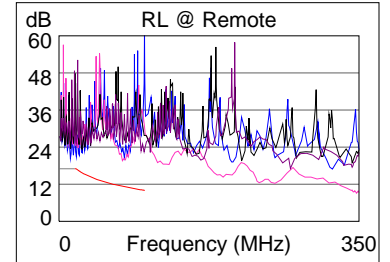
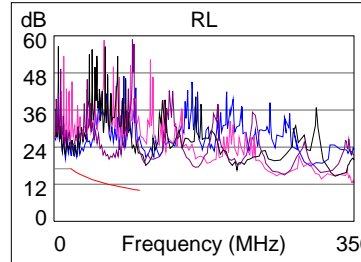
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	6.5	6.5	8.1	8.1
Freq. (MHz)	2.3	2.3	99.8	99.8
Limit (dB)	50.4	50.4	17.4	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	9.0	9.0	10.7	10.4
Freq. (MHz)	1.3	2.3	99.8	96.5
Limit (dB)	52.5	47.4	14.4	14.7



	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>	11.8	12.9	25.0	25.0
Freq. (MHz)	3.0	2.9	100.0	97.0
Limit (dB)	51.7	52.1	6.1	6.7
Worst Pair	45	45	36	36
<b>PS ACR-N (dB)</b>	14.0	15.4	25.7	26.7
Freq. (MHz)	2.9	2.9	96.5	96.8
Limit (dB)	49.1	49.1	3.8	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	78	36
<b>RL (dB)</b>	3.9	3.8	8.2	8.2
Freq. (MHz)	20.0	20.0	64.0	74.3
Limit (dB)	17.0	17.0	11.9	11.3



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



### Cable ID: D1-25

### Test Summary: PASS

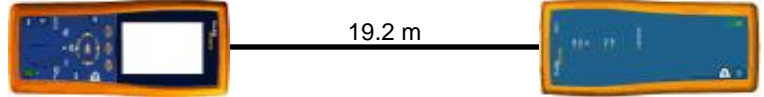
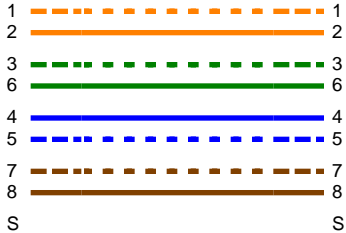
Date / Time: 08/24/2009 03:58:25pm  
**Headroom: 3.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

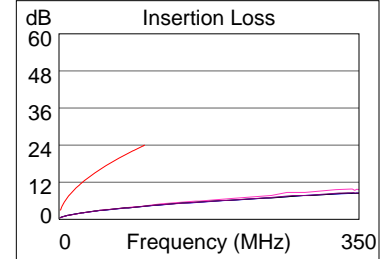
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

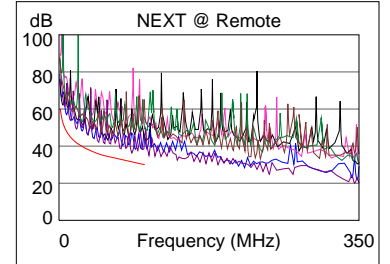
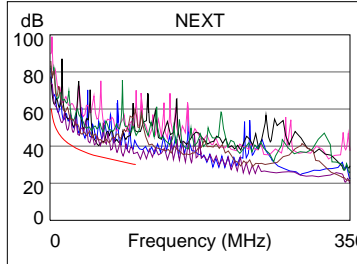
**PASS**



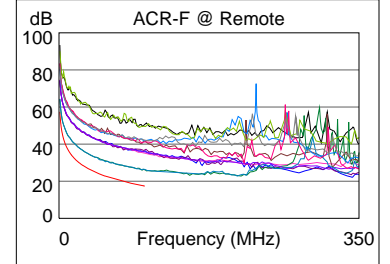
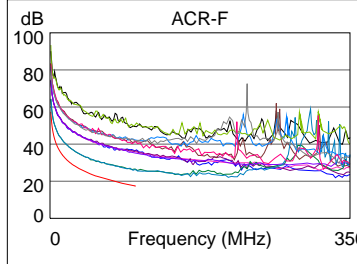
Length (m), Limit 100.0	[Pair 78]	19.2
Prop. Delay (ns), Limit 555		95
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	3.8
Insertion Loss Margin (dB)	[Pair 36]	19.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



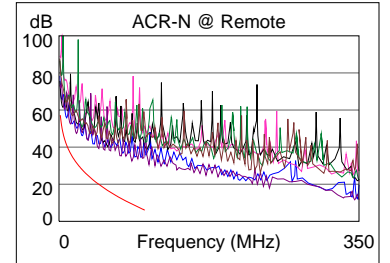
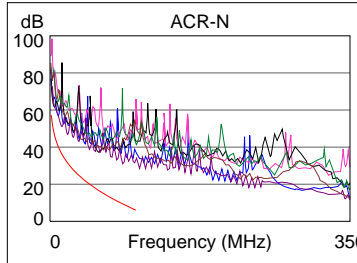
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.4	5.0	3.4	5.0
Freq. (MHz)	85.0	85.0	85.0	85.0
Limit (dB)	31.3	31.3	31.3	31.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.1	7.2	6.9	8.4
Freq. (MHz)	84.8	53.0	97.0	97.3
Limit (dB)	28.3	31.8	27.3	27.3



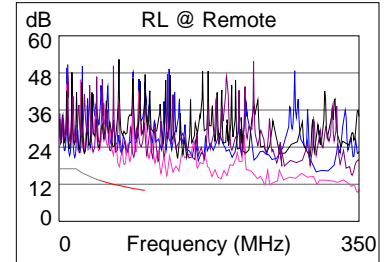
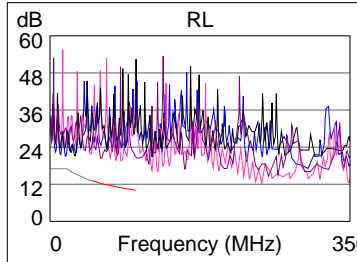
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	6.8	6.8	8.2	8.3
Freq. (MHz)	1.0	1.0	96.8	97.0
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	9.3	9.3	10.8	10.6
Freq. (MHz)	1.1	1.0	96.3	96.8
Limit (dB)	53.4	54.4	14.7	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>	13.3	11.9	21.6	23.2
Freq. (MHz)	3.8	2.8	85.0	85.0
Limit (dB)	49.7	52.5	9.3	9.3
Worst Pair	12	12	36	36
<b>PS ACR-N (dB)</b>	14.5	12.8	26.2	27.8
Freq. (MHz)	3.8	2.5	97.0	97.3
Limit (dB)	46.7	50.4	3.7	3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	36	36	36
<b>RL (dB)</b>	7.9	5.9	8.3	5.9
Freq. (MHz)	59.3	69.8	83.3	69.8
Limit (dB)	12.3	11.6	10.8	11.6



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



### Cable ID: D1-24

### Test Summary: PASS

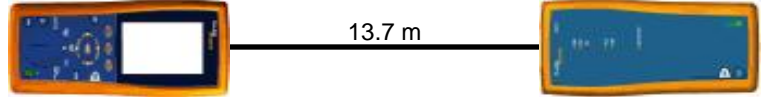
Date / Time: 08/24/2009 03:17:28pm  
**Headroom: 5.0 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

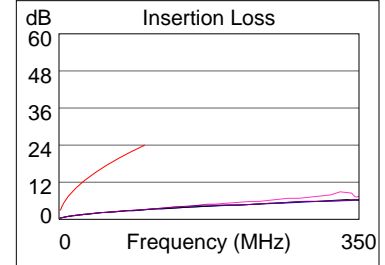
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

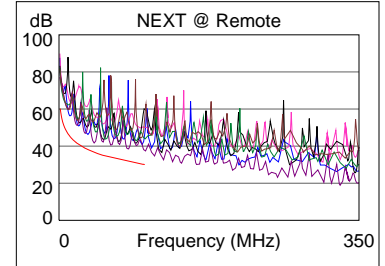
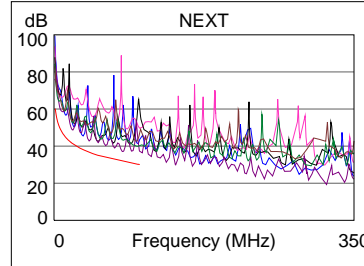
**PASS**



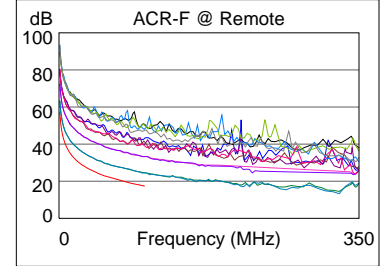
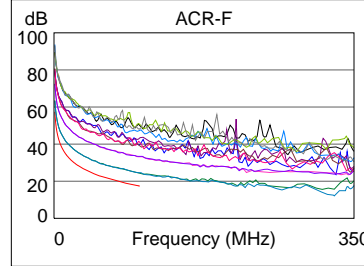
Length (m), Limit 100.0	[Pair 78]	13.7
Prop. Delay (ns), Limit 555		68
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	3.0
Insertion Loss Margin (dB)	[Pair 36]	20.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



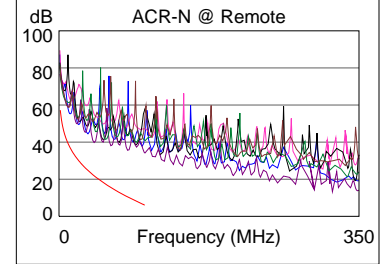
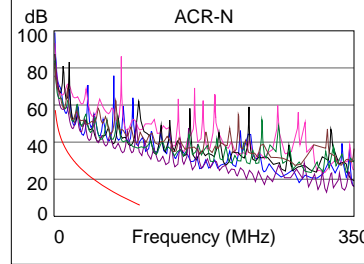
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.3	5.0	6.8	7.2
Freq. (MHz)	79.8	40.8	100.0	100.0
Limit (dB)	31.8	36.8	30.1	30.1
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.3	7.0	7.6	8.8
Freq. (MHz)	79.8	41.3	100.0	99.5
Limit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



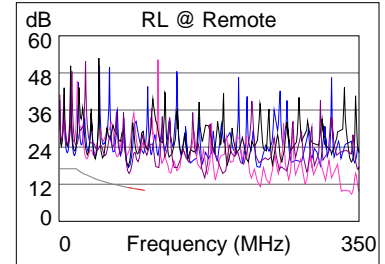
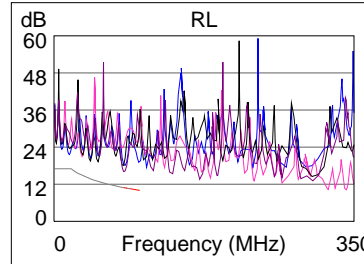
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.9	5.9	6.8	6.8
Freq. (MHz)	1.0	1.0	96.5	97.3
Limit (dB)	57.4	57.4	17.7	17.6
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	8.6	8.4	9.3	9.5
Freq. (MHz)	1.1	1.0	97.5	97.3
Limit (dB)	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: D1-21

## Test Summary: PASS

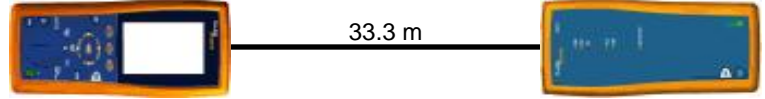
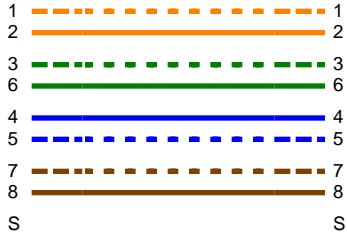
Date / Time: 08/24/2009 03:15:13pm  
**Headroom: 5.8 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

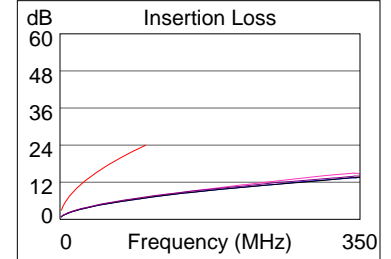
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

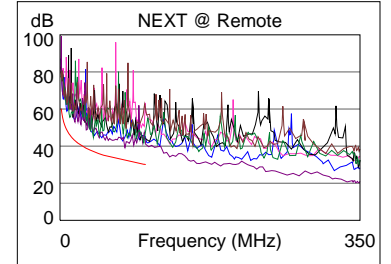
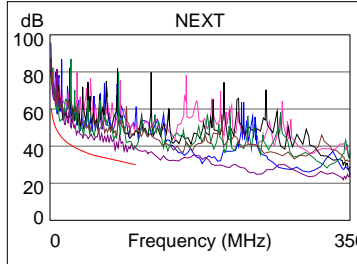
**PASS**



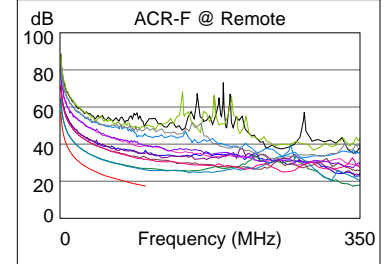
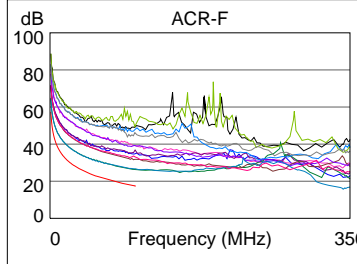
Length (m), Limit 100.0	[Pair 12]	33.3
Prop. Delay (ns), Limit 555		166
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.1
Insertion Loss Margin (dB)	[Pair 78]	16.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



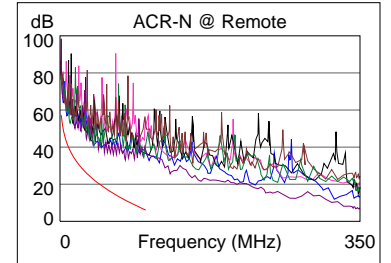
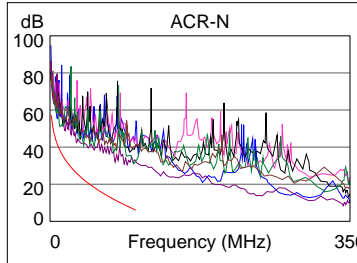
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.8	6.8	6.2	6.9
Freq. (MHz)	76.0	52.0	90.3	76.0
Limit (dB)	32.1	35.0	30.8	32.1
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.0	7.3	8.0	10.4
Freq. (MHz)	38.5	38.5	97.3	97.0
Limit (dB)	34.2	34.2	27.3	27.3



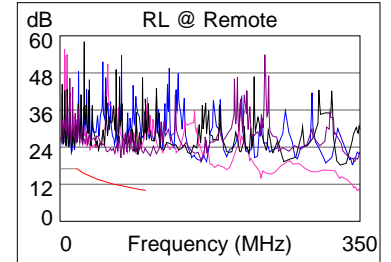
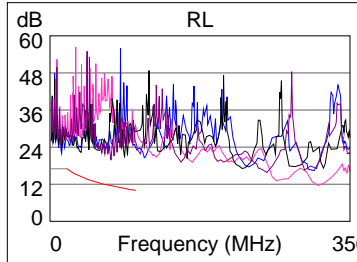
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.9	6.8	8.8	8.6
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	8.5	8.7	10.3	10.4
Freq. (MHz)	1.0	1.6	93.0	100.0
Limit (dB)	54.4	50.2	15.0	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-78	12-36	36-45	36-45
<b>ACR-N (dB)</b>	12.8	14.2	22.3	21.6
Freq. (MHz)	11.4	3.6	90.3	76.0
Limit (dB)	38.5	50.0	8.1	11.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	14.1	14.7	24.7	27.0
Freq. (MHz)	7.6	3.4	97.3	97.0
Limit (dB)	39.8	47.7	3.6	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	36	78	78
<b>RL (dB)</b>	6.9	8.6	8.4	8.9
Freq. (MHz)	35.5	35.0	71.0	71.3
Limit (dB)	14.5	14.6	11.5	11.5



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



### Cable ID: D1-20

### Test Summary: PASS

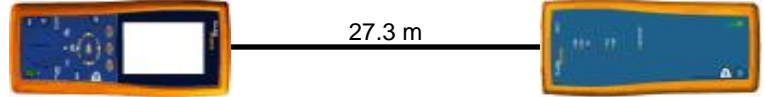
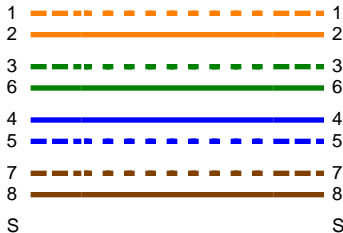
Date / Time: 08/24/2009 03:05:02pm  
**Headroom: 3.2 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

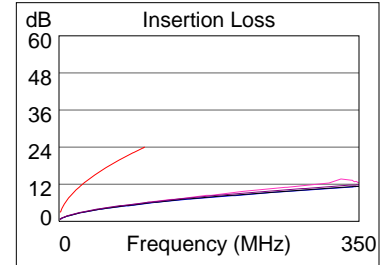
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

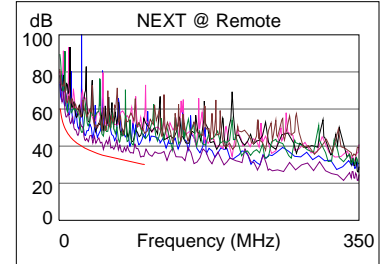
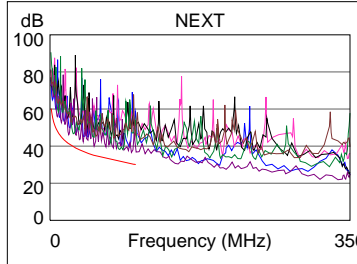
**PASS**



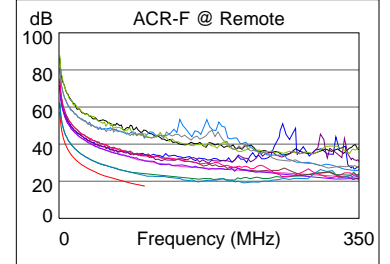
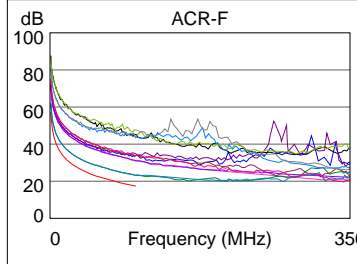
Length (m), Limit 100.0	[Pair 12]	27.3
Prop. Delay (ns), Limit 555		136
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 78]	5.2
Insertion Loss Margin (dB)	[Pair 36]	18.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



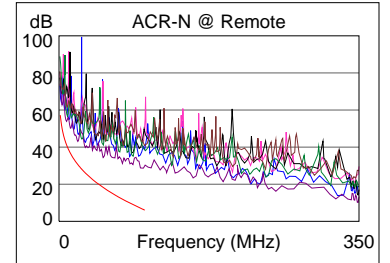
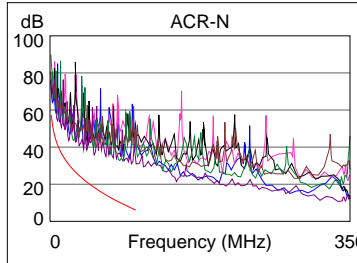
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.5	3.2	5.7	3.7
Freq. (MHz)	52.0	51.8	95.5	95.5
Limit (dB)	35.0	35.0	30.4	30.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.2	5.2	6.4	6.0
Freq. (MHz)	39.0	30.3	82.0	95.3
Limit (dB)	34.1	35.9	28.6	27.4



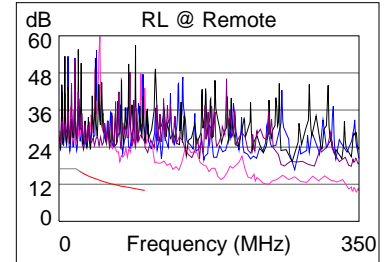
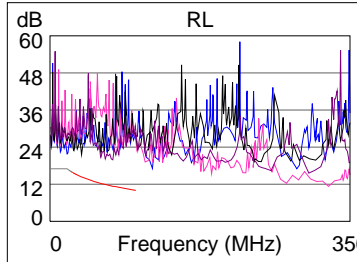
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	4.5	4.5	5.6	5.5
Freq. (MHz)	1.3	1.3	98.5	98.5
Limit (dB)	55.5	55.5	17.5	17.5
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	6.9	6.9	7.9	8.0
Freq. (MHz)	1.3	1.1	98.5	98.5
Limit (dB)	52.5	53.4	14.5	14.5



	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>	11.2	10.1	23.4	21.4
Freq. (MHz)	2.3	2.1	95.8	95.8
Limit (dB)	54.3	54.8	7.0	7.0
Worst Pair	12	12	36	36
<b>PS ACR-N (dB)</b>	12.5	11.6	22.8	23.5
Freq. (MHz)	2.3	2.1	82.0	95.3
Limit (dB)	51.3	51.8	7.0	4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	36	78	36
<b>RL (dB)</b>	7.2	7.7	7.9	7.7
Freq. (MHz)	36.8	71.3	72.3	71.3
Limit (dB)	14.4	11.5	11.4	11.5



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



### Cable ID: D1-19

### Test Summary: PASS

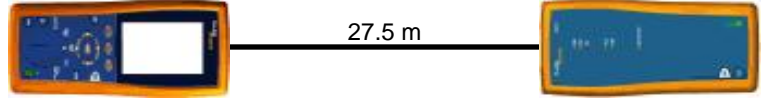
Date / Time: 08/24/2009 03:13:17pm  
**Headroom: 5.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

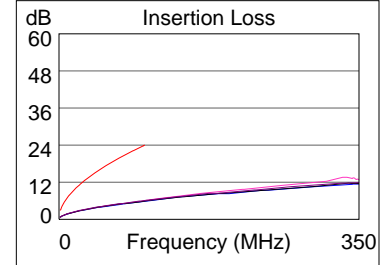
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

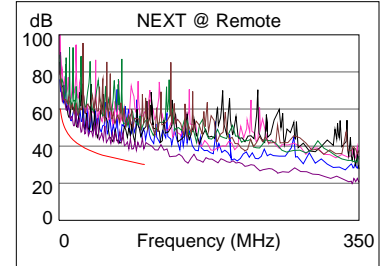
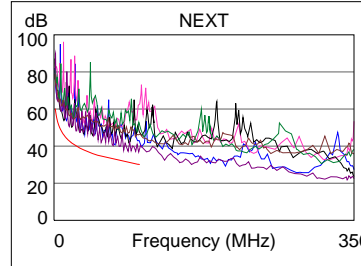
**PASS**



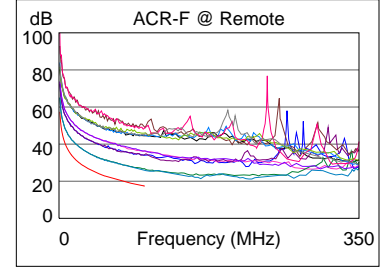
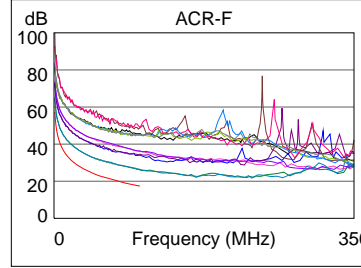
Length (m), Limit 100.0	[Pair 12]	27.5
Prop. Delay (ns), Limit 555		137
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.2
Insertion Loss Margin (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



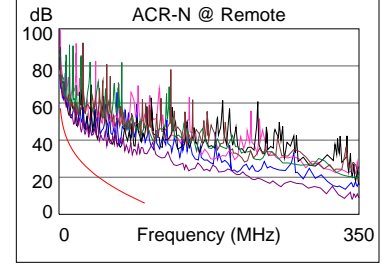
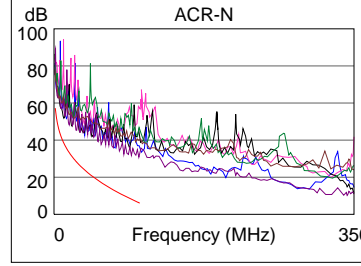
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.6	6.1	6.4	6.1
Freq. (MHz)	86.0	85.8	99.3	85.8
Limit (dB)	31.2	31.2	30.1	31.2
Worst Pair	12	36	36	45
<b>PS NEXT (dB)</b>	8.2	8.2	8.4	8.9
Freq. (MHz)	35.0	35.0	99.3	86.0
Limit (dB)	34.9	34.9	27.1	28.2



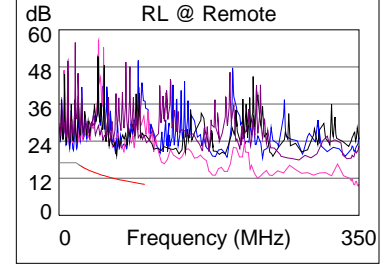
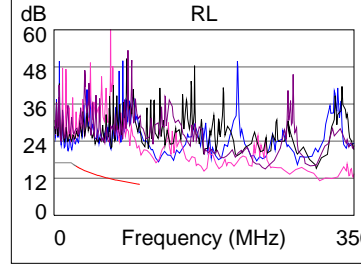
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	7.3	7.3	8.6	8.4
Freq. (MHz)	1.3	1.3	98.3	98.3
Limit (dB)	55.5	55.5	17.6	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	9.5	9.7	11.3	11.0
Freq. (MHz)	1.3	1.1	99.5	98.3
Limit (dB)	52.5	53.4	14.4	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-36	36-45	36-45
<b>ACR-N (dB)</b>	13.0	12.8	24.5	22.7
Freq. (MHz)	3.8	1.6	99.3	85.8
Limit (dB)	49.7	56.9	6.2	9.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	14.1	14.7	26.2	25.6
Freq. (MHz)	3.6	3.0	99.5	86.0
Limit (dB)	47.0	48.7	3.2	6.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	45	36	45
<b>RL (dB)</b>	7.9	7.7	10.4	7.7
Freq. (MHz)	28.3	67.0	100.0	67.0
Limit (dB)	15.5	11.7	10.0	11.7



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



### Cable ID: D1-18

### Test Summary: PASS

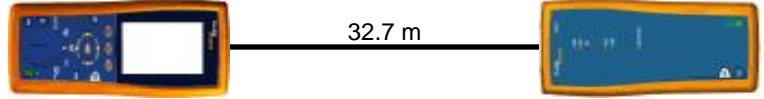
Date / Time: 08/24/2009 03:12:19pm  
**Headroom: 5.9 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

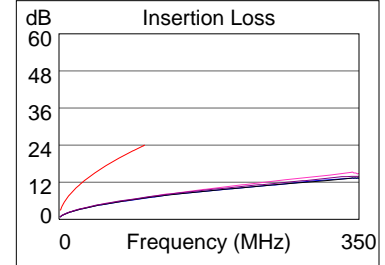
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

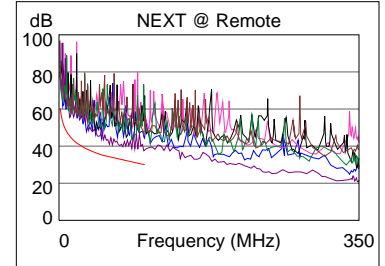
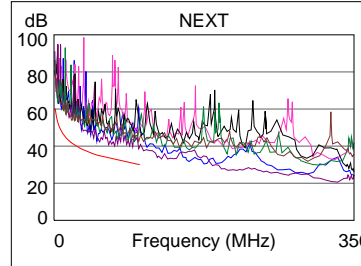
**PASS**



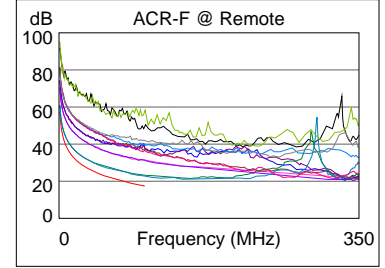
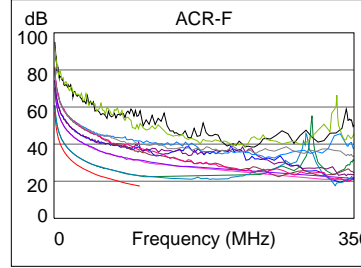
Length (m), Limit 100.0	[Pair 12]	32.7
Prop. Delay (ns), Limit 555		163
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.1
Insertion Loss Margin (dB)	[Pair 78]	16.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



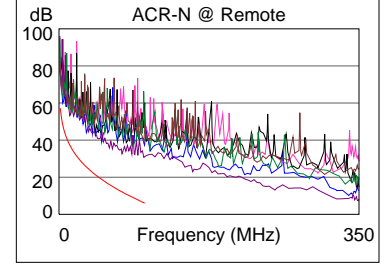
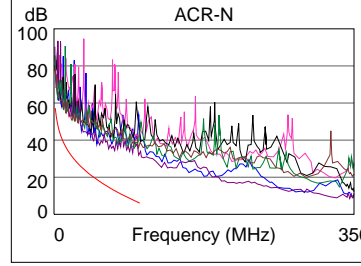
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.8	5.9	8.4	7.2
Freq. (MHz)	70.3	70.0	98.5	98.8
Limit (dB)	32.7	32.7	30.2	30.2
Worst Pair	36	36	45	45
<b>PS NEXT (dB)</b>	8.1	8.2	9.6	9.5
Freq. (MHz)	50.0	73.8	98.8	98.8
Limit (dB)	32.2	29.4	27.2	27.2



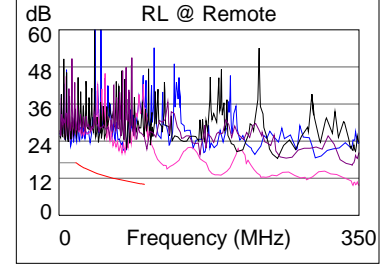
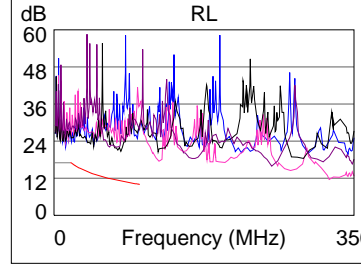
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	3.5	3.4	5.4	5.2
Freq. (MHz)	1.0	1.0	99.0	98.8
Limit (dB)	57.4	57.4	17.5	17.5
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	6.1	5.9	7.7	7.8
Freq. (MHz)	1.1	1.0	99.0	98.0
Limit (dB)	53.4	54.4	14.5	14.6



	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	12.1	25.5	24.4
Freq. (MHz)	4.6	4.4	98.5	98.8
Limit (dB)	47.7	48.2	6.4	6.3
Worst Pair	36	36	45	36
<b>PS ACR-N (dB)</b>	14.5	13.4	26.8	26.5
Freq. (MHz)	4.6	4.4	98.8	98.8
Limit (dB)	44.7	45.2	3.3	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	45	36
<b>RL (dB)</b>	6.9	6.9	8.5	8.8
Freq. (MHz)	20.6	20.6	78.8	73.5
Limit (dB)	16.9	16.9	11.0	11.3



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



### Cable ID: D1-17

### Test Summary: PASS

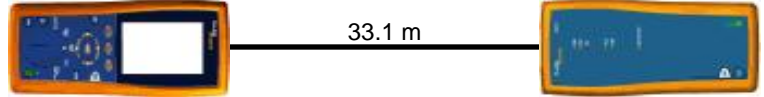
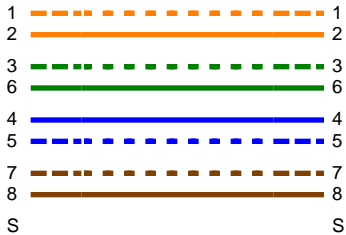
Date / Time: 08/24/2009 03:10:00pm  
**Headroom: 4.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

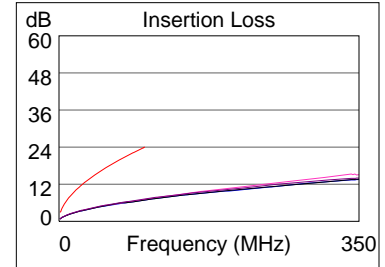
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

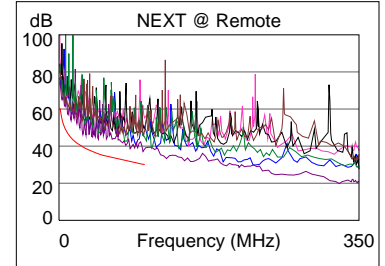
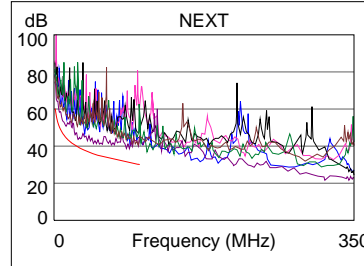
**PASS**



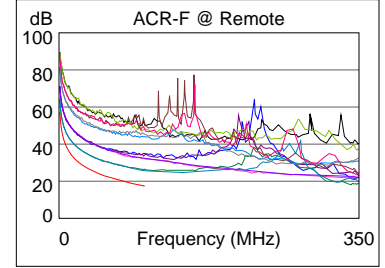
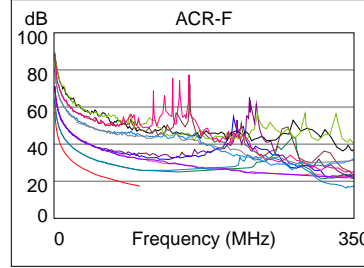
Length (m), Limit 100.0	[Pair 12]	33.1
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	6.2
Insertion Loss Margin (dB)	[Pair 78]	16.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



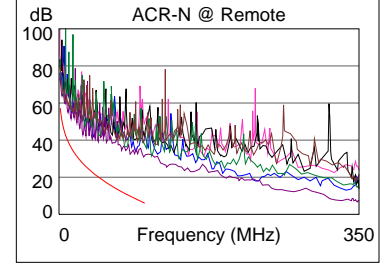
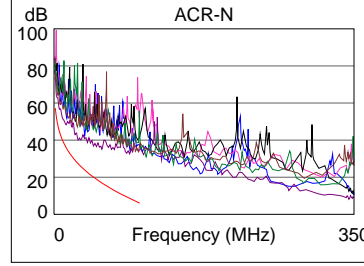
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.1	5.9	6.9	6.9
Freq. (MHz)	28.1	83.8	84.0	98.0
Limit (dB)	39.5	31.4	31.4	30.2
Worst Pair	45	36	36	36
<b>PS NEXT (dB)</b>	6.5	8.0	8.4	8.0
Freq. (MHz)	27.9	83.8	84.3	83.8
Limit (dB)	36.5	28.4	28.4	28.4



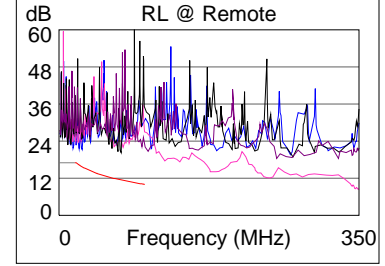
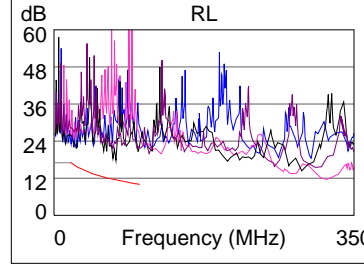
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	6.4	6.4	8.2	8.1
Freq. (MHz)	1.1	1.1	97.0	97.5
Limit (dB)	56.4	56.4	17.7	17.6
Worst Pair	45	36	45	45
<b>PS ACR-F (dB)</b>	8.6	8.6	10.3	10.4
Freq. (MHz)	1.1	1.1	97.5	97.8
Limit (dB)	53.4	53.4	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>	11.5	12.8	22.4	23.8
Freq. (MHz)	2.8	3.1	84.0	98.0
Limit (dB)	52.5	51.4	9.6	6.5
Worst Pair	45	36	36	36
<b>PS ACR-N (dB)</b>	13.5	14.2	24.6	25.9
Freq. (MHz)	10.5	1.9	88.3	98.0
Limit (dB)	36.4	52.8	5.6	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>	5.7	5.3	6.1	8.1
Freq. (MHz)	23.1	23.3	71.8	72.0
Limit (dB)	16.4	16.3	11.5	11.4



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





### Cable ID: D1-16

### Test Summary: PASS

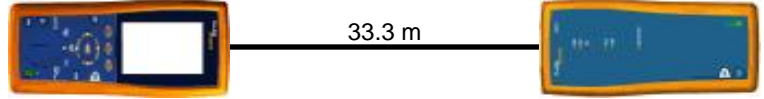
Date / Time: 08/24/2009 03:08:56pm  
**Headroom: 5.0 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

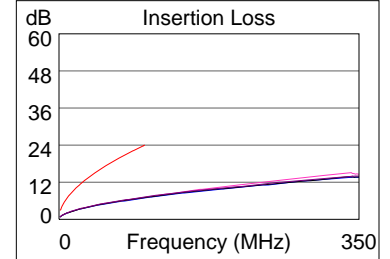
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

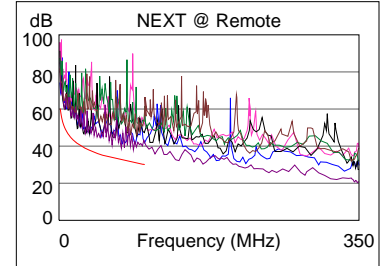
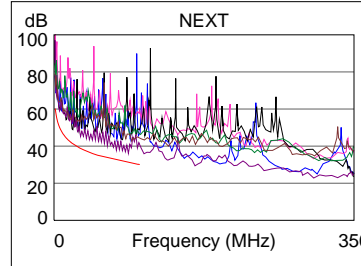
**PASS**



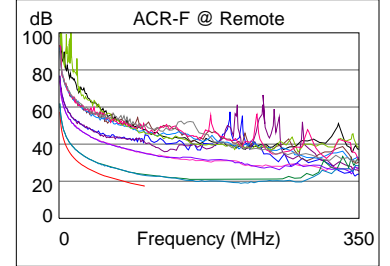
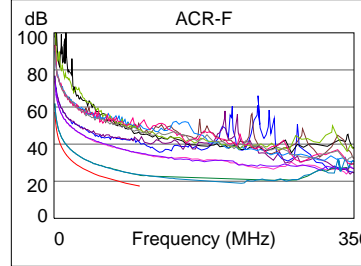
Length (m), Limit 100.0	[Pair 12]	33.3
Prop. Delay (ns), Limit 555		165
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.2
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



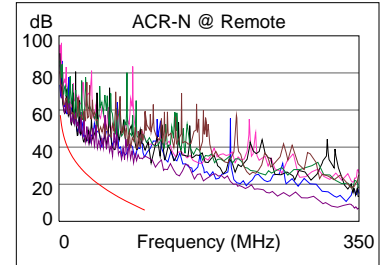
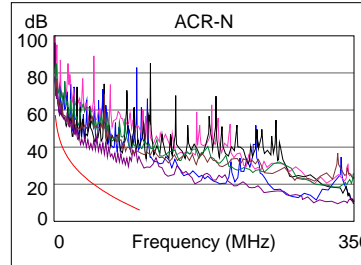
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.0	6.3	5.0	6.9
Freq. (MHz)	86.8	72.5	86.8	86.8
Limit (dB)	31.1	32.5	31.1	31.1
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	7.5	7.8	7.6	8.7
Freq. (MHz)	72.8	72.8	87.0	87.3
Limit (dB)	29.5	29.5	28.1	28.1



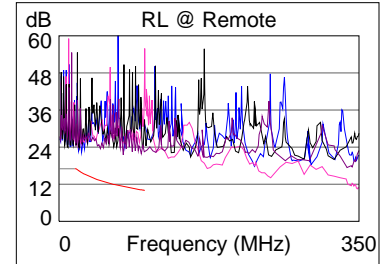
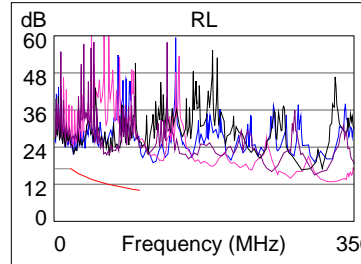
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	4.4	4.5	5.7	5.5
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	36	45	45
<b>PS ACR-F (dB)</b>	7.2	7.3	8.4	8.5
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-36	36-45	36-45
<b>ACR-N (dB)</b>	12.4	12.0	20.7	22.6
Freq. (MHz)	6.3	1.9	86.8	86.8
Limit (dB)	44.8	55.8	8.9	8.9
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.5	12.9	23.3	27.0
Freq. (MHz)	2.5	1.9	87.0	100.0
Limit (dB)	50.4	52.8	5.9	3.1



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	45	78
<b>RL (dB)</b>	5.2	6.1	9.4	10.2
Freq. (MHz)	22.6	23.0	64.5	75.0
Limit (dB)	16.5	16.4	11.9	11.3



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



### Cable ID: D1-15

### Test Summary: PASS

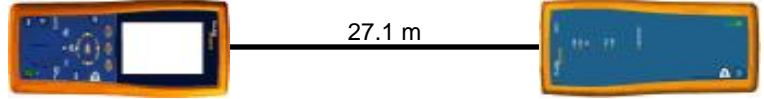
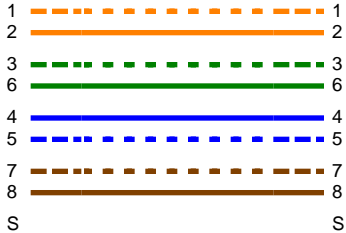
Date / Time: 08/24/2009 03:07:54pm  
**Headroom: 4.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

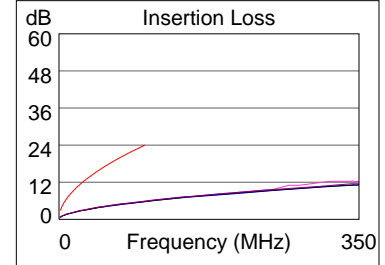
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

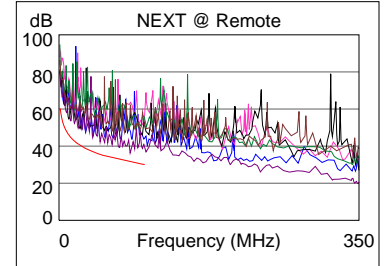
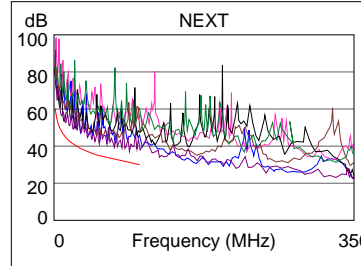
**PASS**



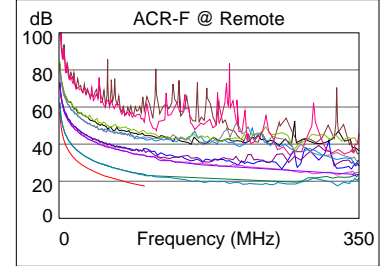
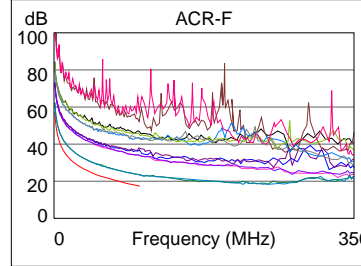
Length (m), Limit 100.0	[Pair 12]	27.1
Prop. Delay (ns), Limit 555		134
Delay Skew (ns), Limit 50		3
Resistance (ohms)	[Pair 12]	5.2
Insertion Loss Margin (dB)	[Pair 78]	18.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



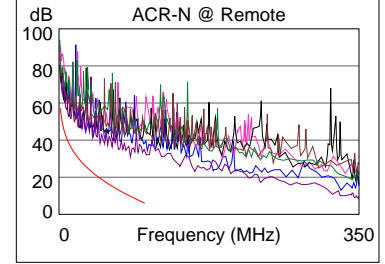
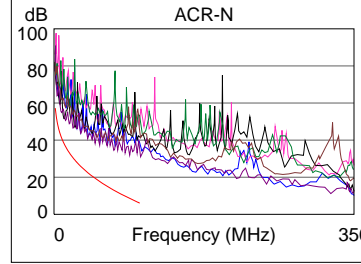
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.1	4.6	6.1	4.6
Freq. (MHz)	88.0	83.3	88.0	83.3
Limit (dB)	31.0	31.5	31.0	31.5
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.8	7.3	8.5	7.3
Freq. (MHz)	40.0	83.3	88.0	83.3
Limit (dB)	33.9	28.5	28.0	28.5



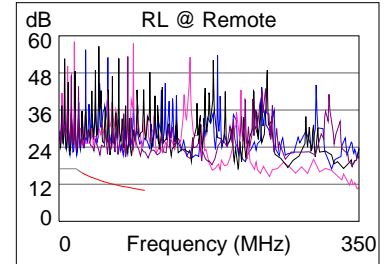
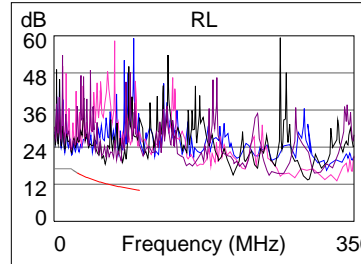
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	4.9	4.9	5.8	5.7
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	7.4	7.5	8.4	8.5
Freq. (MHz)	1.0	1.0	99.8	99.5
Limit (dB)	54.4	54.4	14.4	14.4



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	13.2	14.3	23.2	21.2
Freq. (MHz)	11.5	11.4	88.0	83.3
Limit (dB)	38.4	38.5	8.6	9.7
Worst Pair	45	36	36	36
<b>PS ACR-N (dB)</b>	15.6	16.4	25.5	23.9
Freq. (MHz)	8.4	3.8	88.0	83.3
Limit (dB)	38.8	46.7	5.6	6.7



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	12	45	78
<b>RL (dB)</b>	6.2	8.0	6.2	9.9
Freq. (MHz)	60.0	28.9	60.0	77.8
Limit (dB)	12.2	15.4	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: D1-14**

**Test Summary: PASS**

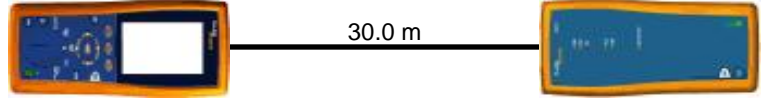
Date / Time: 08/24/2009 03:06:17pm  
**Headroom: 4.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

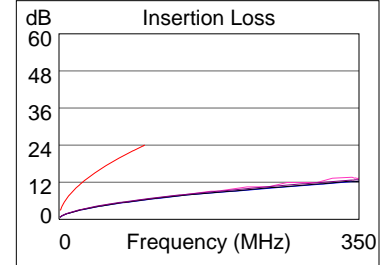
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

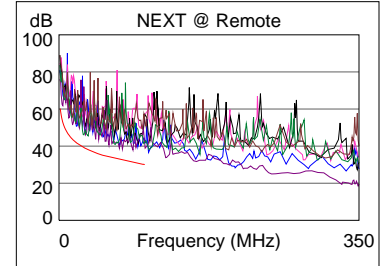
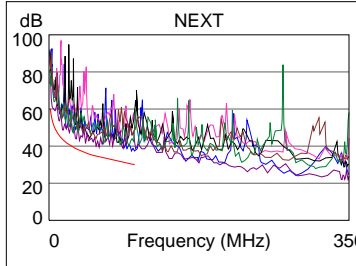
**PASS**



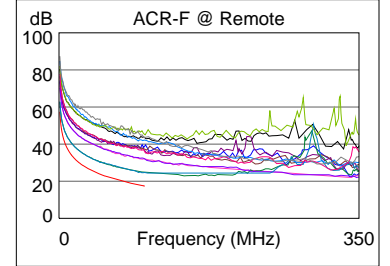
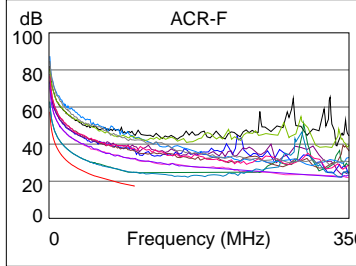
Length (m), Limit 100.0	[Pair 12]	30.0
Prop. Delay (ns), Limit 555		149
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	5.6
Insertion Loss Margin (dB)	[Pair 78]	17.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



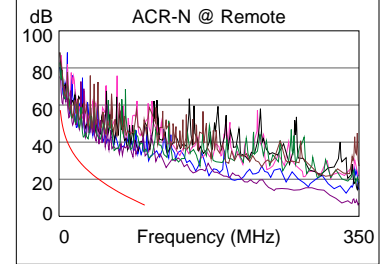
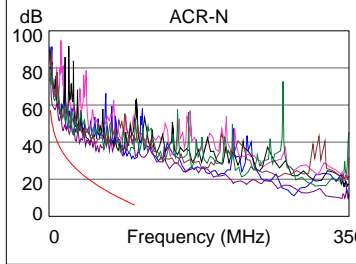
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	12-36	36-45
<b>NEXT (dB)</b>	4.6	5.7	6.9	6.2
Freq. (MHz)	31.3	70.0	96.0	85.8
Limit (dB)	38.7	32.7	30.4	31.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.4	5.9	8.5	5.9
Freq. (MHz)	31.3	70.0	100.0	70.0
Limit (dB)	35.7	29.7	27.1	29.7



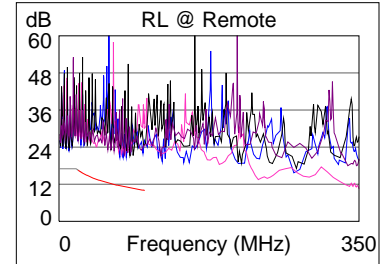
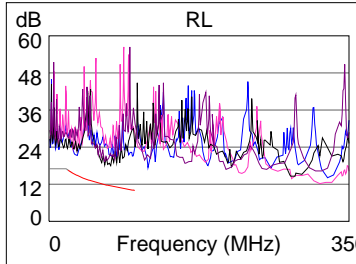
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.2	5.2	7.0	6.8
Freq. (MHz)	1.0	1.0	97.3	97.3
Limit (dB)	57.4	57.4	17.6	17.6
Worst Pair	36	45	45	45
<b>PS ACR-F (dB)</b>	7.7	7.7	9.2	9.3
Freq. (MHz)	1.0	1.0	97.3	96.5
Limit (dB)	54.4	54.4	14.6	14.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	12-36	36-45
<b>ACR-N (dB)</b>	10.0	10.9	24.8	22.4
Freq. (MHz)	3.5	3.5	100.0	85.8
Limit (dB)	50.3	50.3	6.1	9.2
Worst Pair	45	36	36	36
<b>PS ACR-N (dB)</b>	12.8	13.6	26.1	26.4
Freq. (MHz)	3.4	3.5	100.0	100.0
Limit (dB)	47.7	47.3	3.1	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	12	45	12
<b>RL (dB)</b>	6.2	8.7	6.3	9.3
Freq. (MHz)	60.8	25.6	71.3	78.8
Limit (dB)	12.2	15.9	11.5	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: D1-13

### Test Summary: PASS

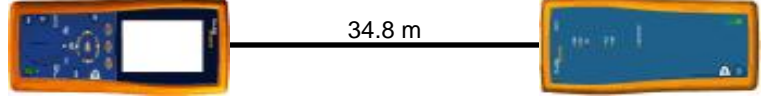
Date / Time: 08/24/2009 02:52:16pm  
**Headroom: 3.5 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

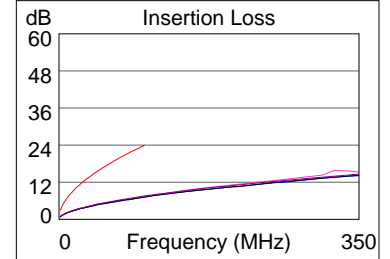
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

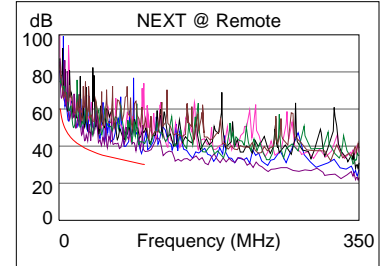
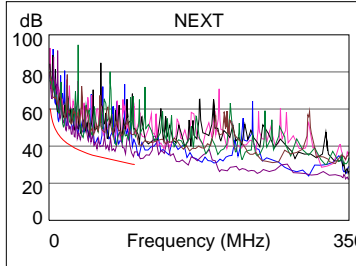
**PASS**



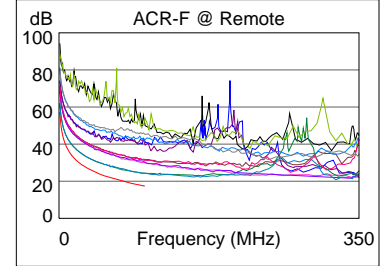
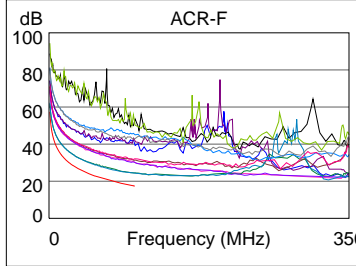
Length (m), Limit 100.0	[Pair 12]	34.8
Prop. Delay (ns), Limit 555		173
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	6.4
Insertion Loss Margin (dB)	[Pair 78]	16.5
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



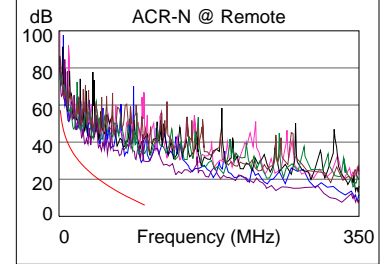
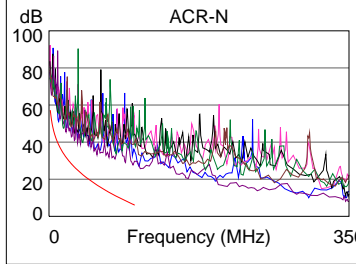
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	12-36
<b>NEXT (dB)</b>	3.8	3.5	4.1	5.6
Freq. (MHz)	56.3	30.1	98.5	96.5
Limit (dB)	34.4	39.0	30.2	30.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	5.3	6.2	6.4	6.2
Freq. (MHz)	53.3	33.3	98.3	95.8
Limit (dB)	31.8	35.3	27.2	27.4



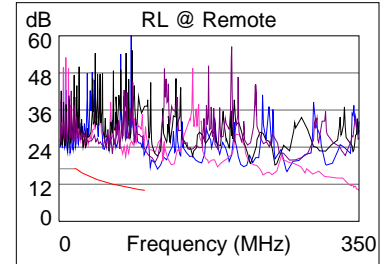
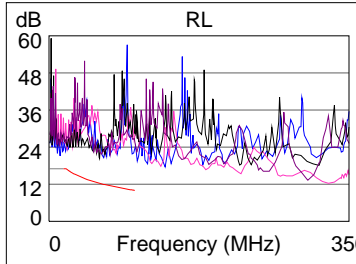
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	36-45
<b>ACR-F (dB)</b>	4.1	4.2	6.6	6.7
Freq. (MHz)	1.0	1.0	99.0	98.3
Limit (dB)	57.4	57.4	17.5	17.6
Worst Pair	45	36	36	45
<b>PS ACR-F (dB)</b>	6.3	6.4	8.8	8.7
Freq. (MHz)	1.0	1.0	99.0	99.8
Limit (dB)	54.4	54.4	14.5	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	36-45	36-45	12-36
<b>ACR-N (dB)</b>	12.4	11.8	20.7	21.9
Freq. (MHz)	10.9	2.4	98.5	96.5
Limit (dB)	39.0	53.8	6.4	6.8
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.4	12.8	22.9	22.4
Freq. (MHz)	1.8	2.0	98.3	95.8
Limit (dB)	53.4	52.3	3.4	4.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	5.7	6.7	8.4	10.3
Freq. (MHz)	19.4	19.3	64.3	100.0
Limit (dB)	17.0	17.0	11.9	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: D1-12

## Test Summary: PASS

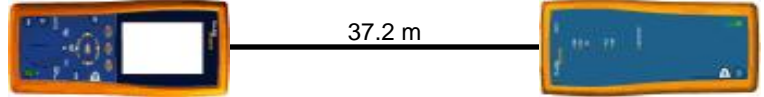
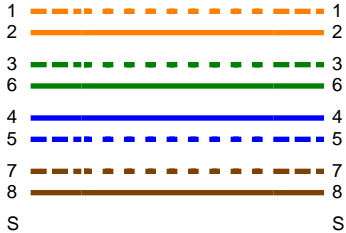
Date / Time: 08/24/2009 02:59:42pm  
**Headroom: 6.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

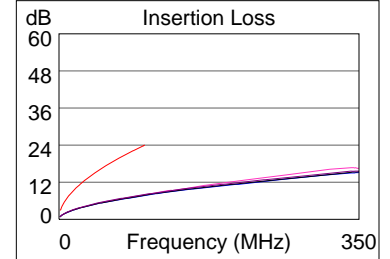
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

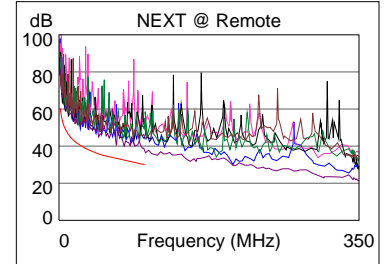
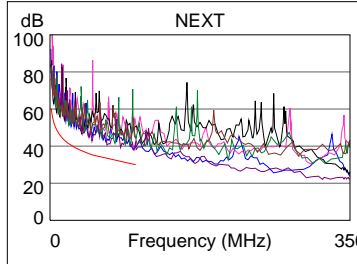
**PASS**



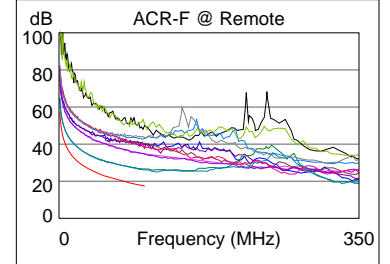
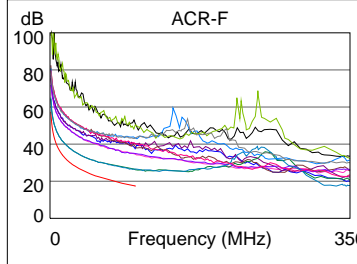
Length (m), Limit 100.0	[Pair 12]	37.2
Prop. Delay (ns), Limit 555		184
Delay Skew (ns), Limit 50		4
Resistance (ohms)	[Pair 12]	6.9
Insertion Loss Margin (dB)	[Pair 78]	16.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



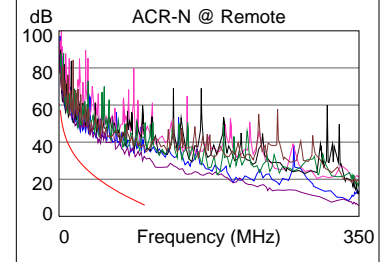
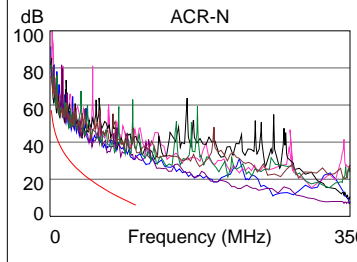
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	6.6	7.1	7.4	7.1
Freq. (MHz)	67.0	97.8	97.8	97.8
Limit (dB)	33.1	30.2	30.2	30.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.4	8.9	7.8	9.4
Freq. (MHz)	67.3	21.8	97.5	97.8
Limit (dB)	30.0	38.4	27.3	27.2



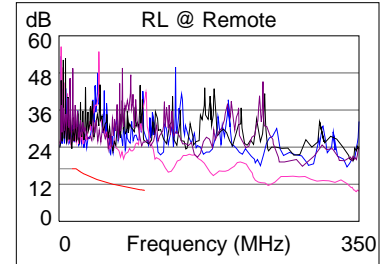
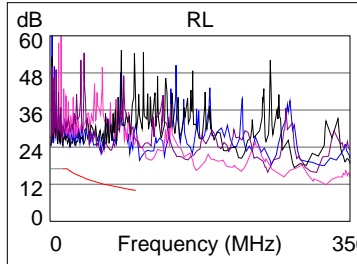
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	6.3	6.3	8.7	8.5
Freq. (MHz)	1.1	1.1	99.3	99.3
Limit (dB)	56.4	56.4	17.5	17.5
Worst Pair	36	45	45	45
<b>PS ACR-F (dB)</b>	8.9	8.8	11.0	10.9
Freq. (MHz)	1.1	1.1	99.3	96.0
Limit (dB)	53.4	53.4	14.5	14.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	12-36	36-45
<b>ACR-N (dB)</b>	12.6	12.8	23.8	23.2
Freq. (MHz)	4.1	3.9	99.8	97.8
Limit (dB)	48.8	49.4	6.1	6.5
Worst Pair	78	78	36	36
<b>PS ACR-N (dB)</b>	13.6	14.2	23.7	25.3
Freq. (MHz)	3.9	3.6	97.5	97.8
Limit (dB)	46.4	47.0	3.6	3.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	78	36
<b>RL (dB)</b>	7.8	7.8	9.4	9.0
Freq. (MHz)	23.1	23.4	60.5	75.3
Limit (dB)	16.4	16.3	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: D1-11

## Test Summary: PASS

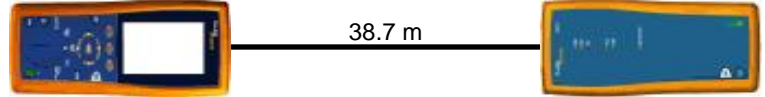
Date / Time: 08/24/2009 03:02:06pm  
**Headroom: 5.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

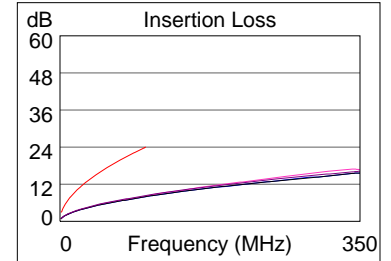
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

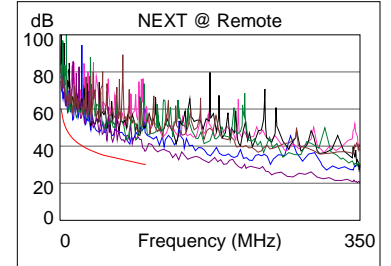
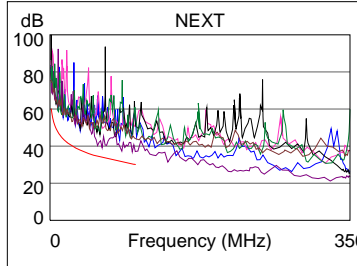
**PASS**



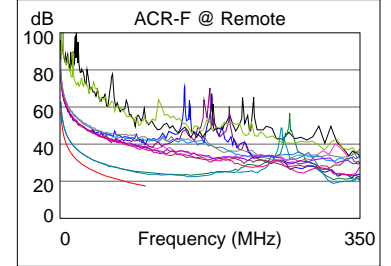
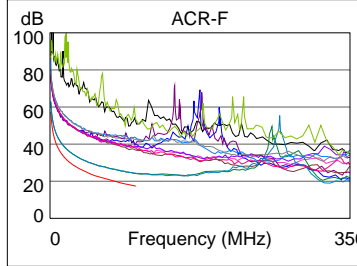
Length (m), Limit 100.0	[Pair 12]	38.7
Prop. Delay (ns), Limit 555		193
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.1
Insertion Loss Margin (dB)	[Pair 78]	15.7
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



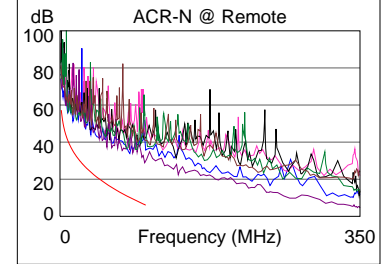
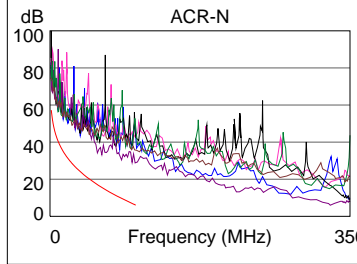
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.4	6.2	6.4	6.2
Freq. (MHz)	60.8	99.0	99.0	99.0
Limit (dB)	33.8	30.2	30.2	30.2
Worst Pair	45	45	45	36
<b>PS NEXT (dB)</b>	8.0	8.9	8.5	9.0
Freq. (MHz)	60.8	99.0	99.0	99.3
Limit (dB)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



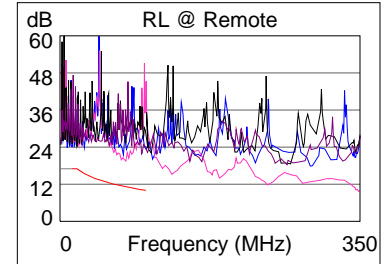
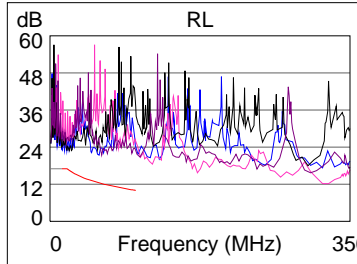
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	45-36
<b>ACR-F (dB)</b>	4.9	4.9	6.6	6.4
Freq. (MHz)	1.0	1.1	97.5	97.5
Limit (dB)	57.4	56.4	17.6	17.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	7.6	7.6	9.5	9.3
Freq. (MHz)	1.1	1.0	100.0	97.5
Limit (dB)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



	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>	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



	Worst Case Margin		Worst Case Value	
	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: D1-10

### Test Summary: PASS

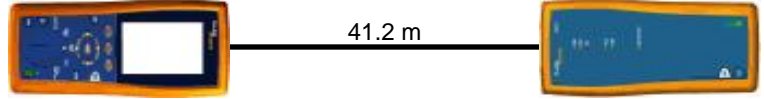
Date / Time: 08/24/2009 02:57:38pm  
**Headroom: 6.4 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

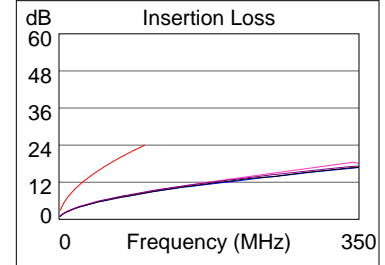
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

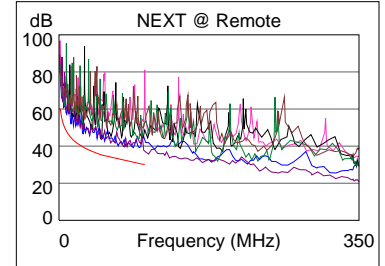
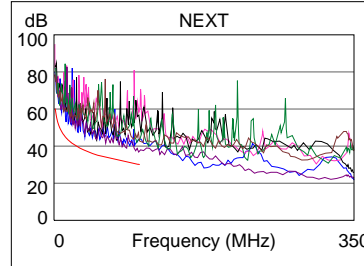
**PASS**



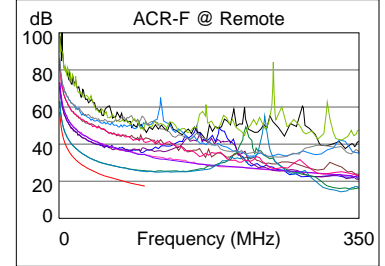
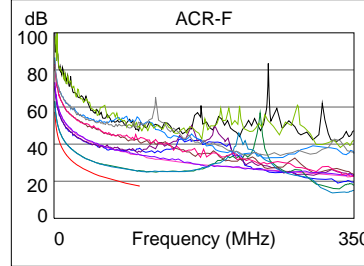
Length (m), Limit 100.0	[Pair 12]	41.2
Prop. Delay (ns), Limit 555		204
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.6
Insertion Loss Margin (dB)	[Pair 78]	15.2
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



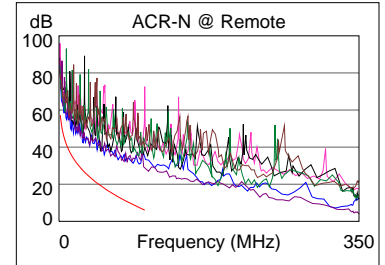
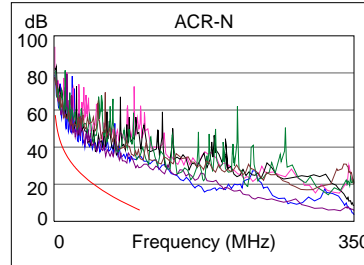
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	12-36	36-45	12-36
<b>NEXT (dB)</b>	6.4	6.5	6.4	7.2
Freq. (MHz)	98.5	27.8	98.5	94.3
Limit (dB)	30.2	39.6	30.2	30.5
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	7.6	7.2	7.6	7.5
Freq. (MHz)	95.0	27.6	95.0	85.5
Limit (dB)	27.5	36.6	27.5	28.3



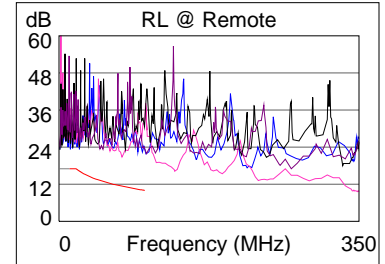
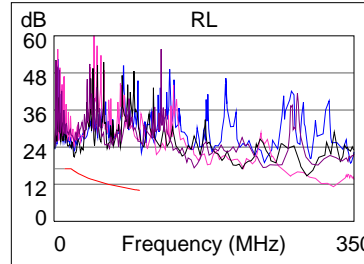
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	5.2	5.2	7.8	7.6
Freq. (MHz)	1.3	1.3	97.3	97.3
Limit (dB)	55.5	55.5	17.6	17.6
Worst Pair	36	36	45	36
<b>PS ACR-F (dB)</b>	7.7	7.8	10.3	10.3
Freq. (MHz)	1.3	1.1	97.3	97.3
Limit (dB)	52.5	53.4	14.6	14.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	36-45	12-36
<b>ACR-N (dB)</b>	13.8	12.2	21.8	22.0
Freq. (MHz)	5.5	3.4	98.5	94.3
Limit (dB)	46.0	50.7	6.4	7.3
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	14.7	13.9	22.6	21.7
Freq. (MHz)	8.5	5.4	95.0	85.5
Limit (dB)	38.6	43.3	4.1	6.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	12	45	36
<b>RL (dB)</b>	4.2	6.6	4.2	9.4
Freq. (MHz)	23.1	15.9	23.3	73.3
Limit (dB)	16.4	17.0	16.3	11.4



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



### Cable ID: D1-09

### Test Summary: PASS

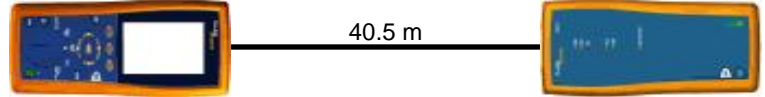
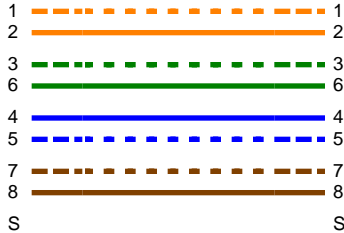
Date / Time: 08/24/2009 02:53:40pm  
**Headroom: 2.9 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

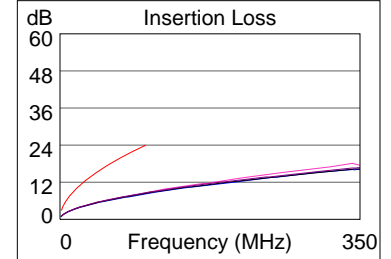
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

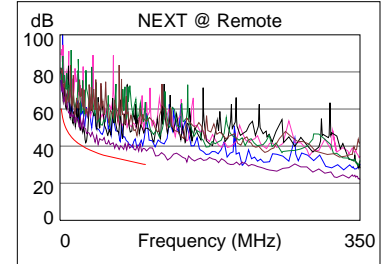
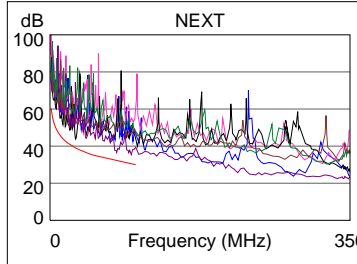
**PASS**



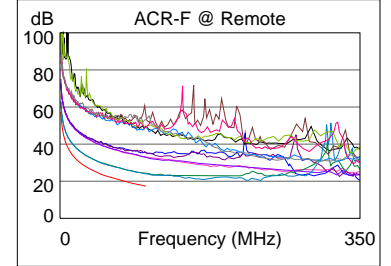
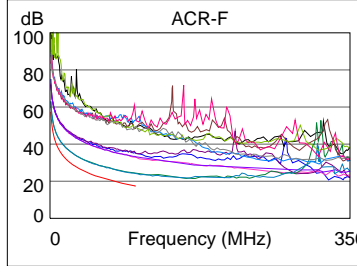
Length (m), Limit 100.0	[Pair 12]	40.5
Prop. Delay (ns), Limit 555		201
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 78]	7.5
Insertion Loss Margin (dB)	[Pair 78]	15.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



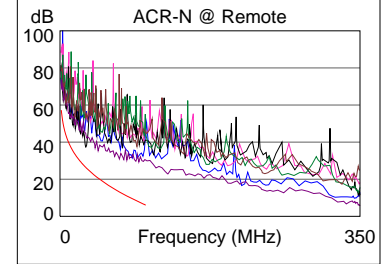
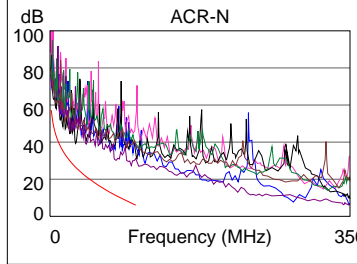
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	12-78	36-45	36-45
<b>NEXT (dB)</b>	4.6	2.9	5.0	6.2
Freq. (MHz)	77.8	30.0	94.8	94.8
Limit (dB)	32.0	39.0	30.5	30.5
Worst Pair	78	12	36	36
<b>PS NEXT (dB)</b>	7.2	5.7	7.6	7.6
Freq. (MHz)	29.8	29.9	95.0	89.0
Limit (dB)	36.1	36.0	27.5	28.0



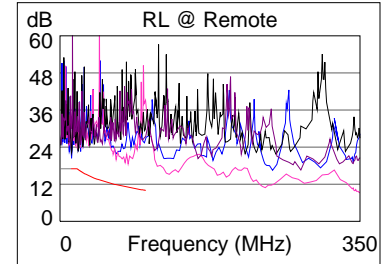
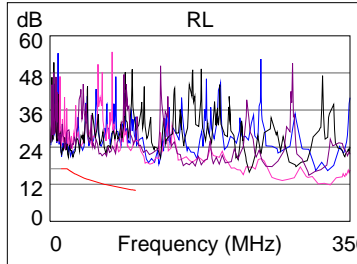
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	4.9	4.9	6.8	6.5
Freq. (MHz)	2.1	2.1	100.0	98.3
Limit (dB)	50.9	50.9	17.4	17.6
Worst Pair	36	36	45	45
<b>PS ACR-F (dB)</b>	7.5	7.6	9.3	9.1
Freq. (MHz)	1.1	1.5	99.8	98.3
Limit (dB)	53.4	50.9	14.4	14.6



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	12.4	10.9	20.2	21.4
Freq. (MHz)	3.6	29.9	94.8	94.8
Limit (dB)	50.0	26.5	7.2	7.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.6	12.5	22.7	23.3
Freq. (MHz)	1.9	1.8	95.0	95.0
Limit (dB)	52.8	53.4	4.1	4.1



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	12	45	36
<b>RL (dB)</b>	3.8	4.4	3.8	7.5
Freq. (MHz)	21.1	14.0	21.1	79.3
Limit (dB)	16.8	17.0	16.8	11.0



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





## Cable ID: D1-08

## Test Summary: PASS

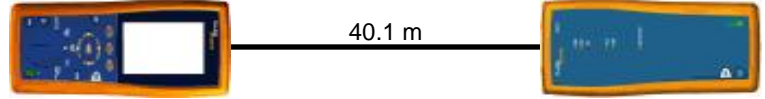
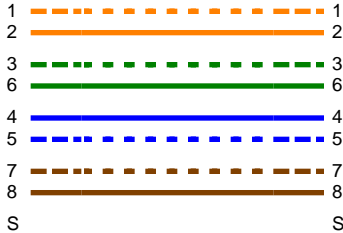
Date / Time: 08/24/2009 02:50:48pm  
**Headroom: 4.7 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

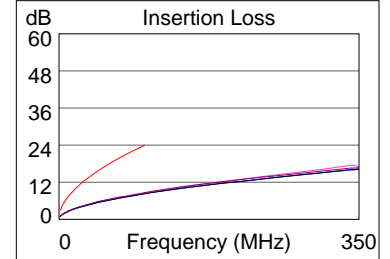
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

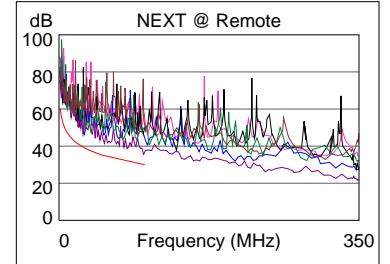
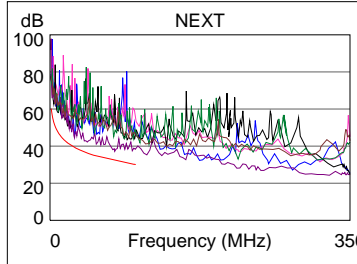
**PASS**



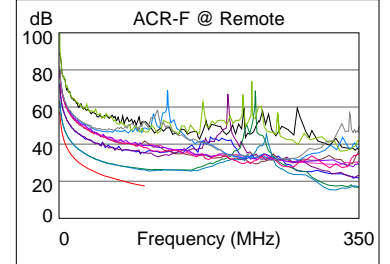
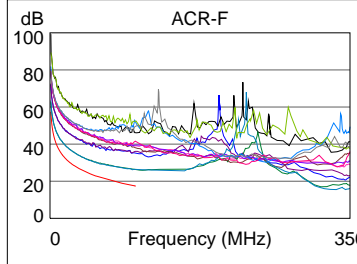
Length (m), Limit 100.0	[Pair 12]	40.1
Prop. Delay (ns), Limit 555		200
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.4
Insertion Loss Margin (dB)	[Pair 78]	15.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



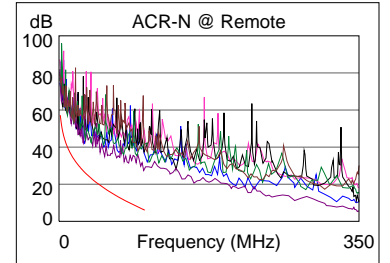
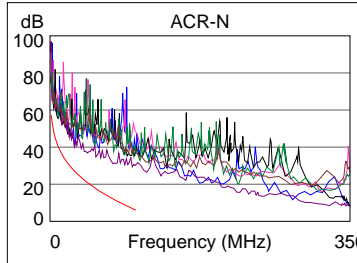
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.7	5.4	6.0	5.4
Freq. (MHz)	42.5	98.8	98.5	98.8
Limit (dB)	36.4	30.2	30.2	30.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	5.9	7.5	8.7	7.9
Freq. (MHz)	28.6	28.6	98.5	98.8
Limit (dB)	36.4	36.4	27.2	27.2



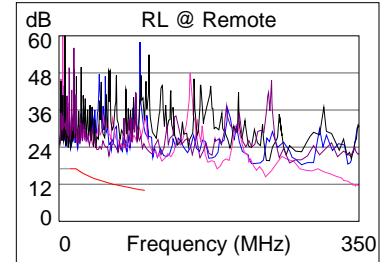
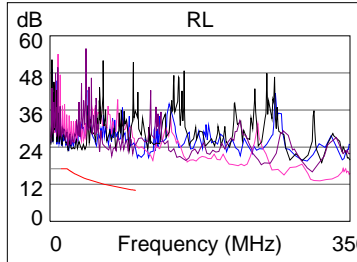
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	45-36
<b>ACR-F (dB)</b>	5.2	5.2	8.4	8.3
Freq. (MHz)	1.0	1.0	96.3	96.8
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	45	36	36	36
<b>PS ACR-F (dB)</b>	8.0	7.7	10.7	10.9
Freq. (MHz)	1.0	1.0	96.0	97.3
Limit (dB)	54.4	54.4	14.8	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>	11.2	11.4	21.6	21.1
Freq. (MHz)	2.4	2.6	98.5	98.8
Limit (dB)	53.8	52.9	6.4	6.3
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	13.3	13.5	24.1	23.3
Freq. (MHz)	2.1	1.8	98.5	99.0
Limit (dB)	51.8	53.4	3.4	3.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	45	78	78
<b>RL (dB)</b>	5.6	6.3	9.4	8.7
Freq. (MHz)	21.6	14.0	71.8	58.0
Limit (dB)	16.7	17.0	11.5	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: D1-07**

**Test Summary: PASS**

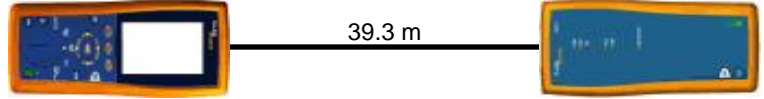
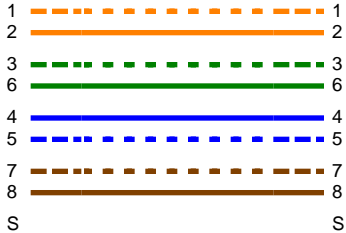
Date / Time: 08/24/2009 02:46:43pm  
**Headroom: 5.2 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

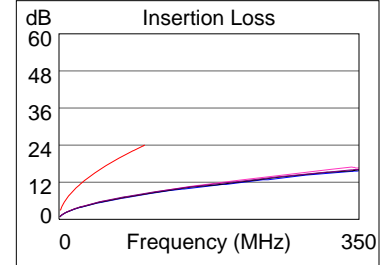
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

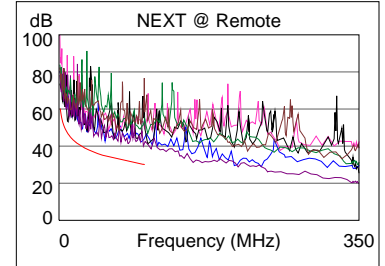
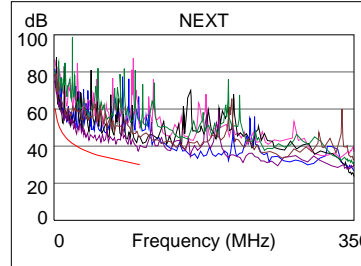
**PASS**



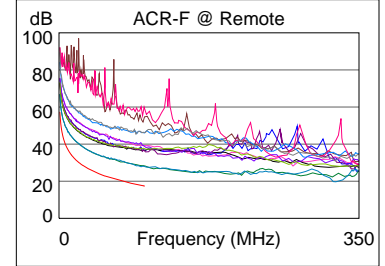
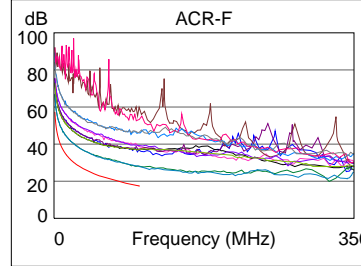
Length (m), Limit 100.0	[Pair 12]	39.3
Prop. Delay (ns), Limit 555		195
Delay Skew (ns), Limit 50		5
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



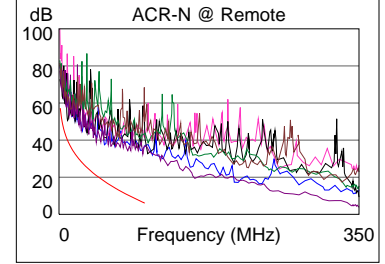
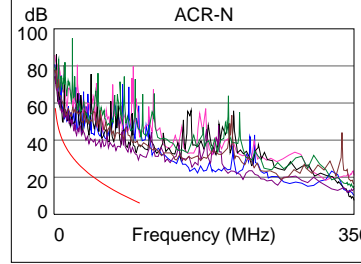
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	12-78	36-45	36-45
<b>NEXT (dB)</b>	5.2	6.0	6.9	9.6
Freq. (MHz)	10.1	10.3	98.0	98.3
Limit (dB)	46.9	46.8	30.2	30.2
Worst Pair	12	12	45	36
<b>PS NEXT (dB)</b>	7.3	8.6	9.4	10.9
Freq. (MHz)	10.1	10.0	98.0	98.0
Limit (dB)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



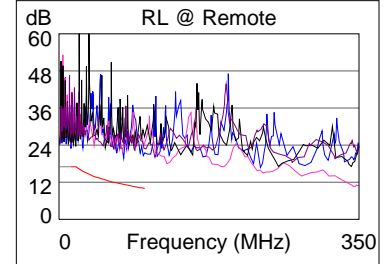
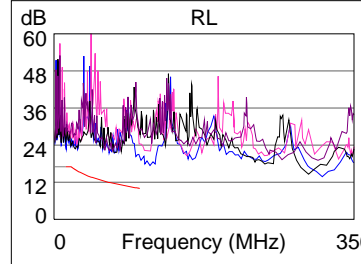
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	8.8	8.8	10.1	10.0
Freq. (MHz)	2.3	2.3	95.8	95.8
Limit (dB)	50.4	50.4	17.8	17.8
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	11.1	11.2	12.9	13.1
Freq. (MHz)	2.3	2.4	99.5	99.5
Limit (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: D1-06

### Test Summary: PASS

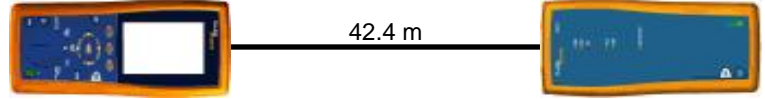
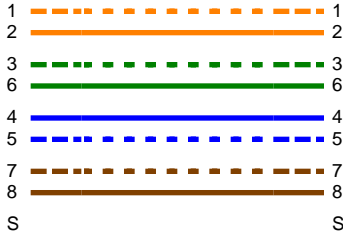
Date / Time: 08/24/2009 02:44:00pm  
**Headroom: 4.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

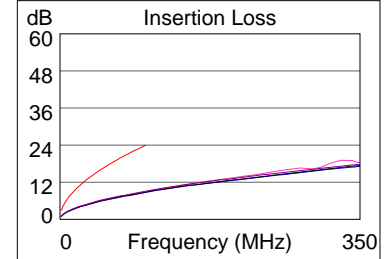
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

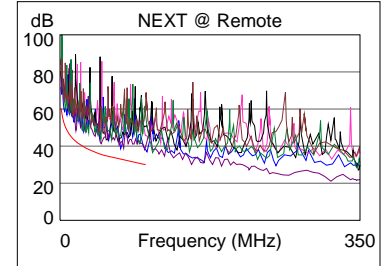
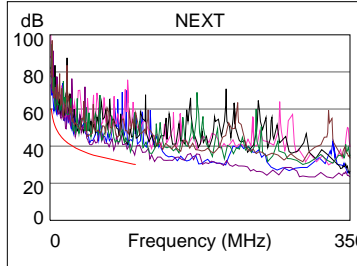
**PASS**



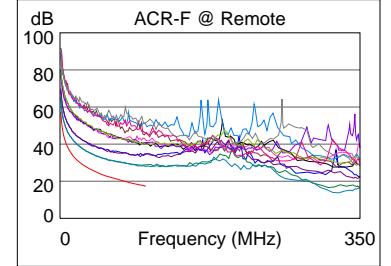
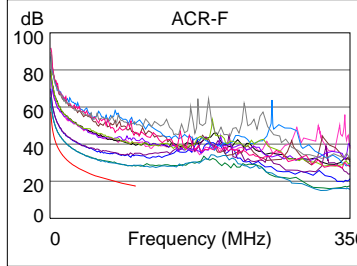
Length (m), Limit 100.0	[Pair 12]	42.4
Prop. Delay (ns), Limit 555		211
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.7
Insertion Loss Margin (dB)	[Pair 78]	14.9
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



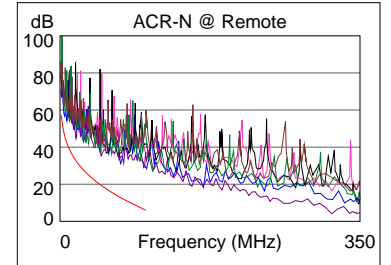
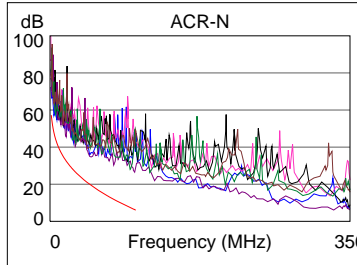
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	4.1	5.2	4.1	6.2
Freq. (MHz)	47.3	47.5	98.0	98.0
Limit (dB)	35.7	35.6	30.2	30.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	4.9	6.2	6.9	7.3
Freq. (MHz)	47.0	47.5	98.0	98.0
Limit (dB)	32.7	32.6	27.2	27.2



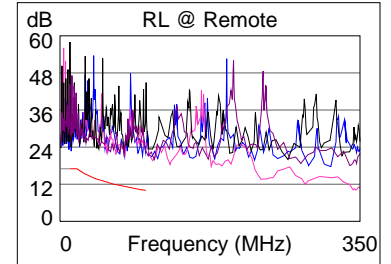
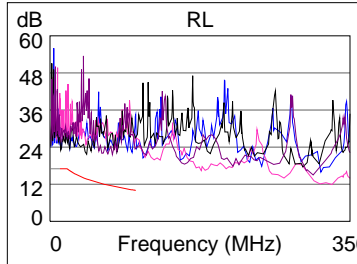
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	36-45	45-36
<b>ACR-F (dB)</b>	7.2	7.2	10.7	10.5
Freq. (MHz)	1.8	1.8	100.0	100.0
Limit (dB)	52.5	52.5	17.4	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	9.0	9.2	12.1	12.8
Freq. (MHz)	1.8	1.0	93.0	99.8
Limit (dB)	49.5	54.4	15.0	14.4



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	36-45	36-45
<b>ACR-N (dB)</b>	9.1	9.9	19.1	21.2
Freq. (MHz)	1.6	4.8	98.0	98.0
Limit (dB)	56.9	47.5	6.5	6.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	11.3	11.5	21.7	22.1
Freq. (MHz)	1.6	5.0	98.0	98.0
Limit (dB)	53.9	44.0	3.5	3.5



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	12	78	12
<b>RL (dB)</b>	5.7	5.6	8.7	9.3
Freq. (MHz)	12.8	13.1	59.8	67.3
Limit (dB)	17.0	17.0	12.2	11.7



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



### Cable ID: D1-05

### Test Summary: PASS

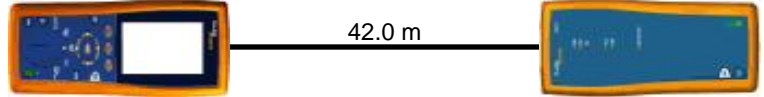
Date / Time: 08/24/2009 02:47:56pm  
**Headroom: 5.6 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

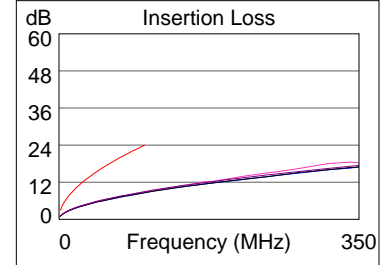
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

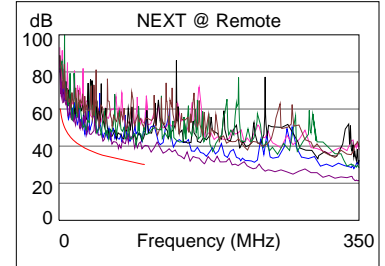
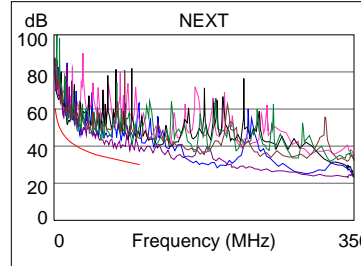
**PASS**



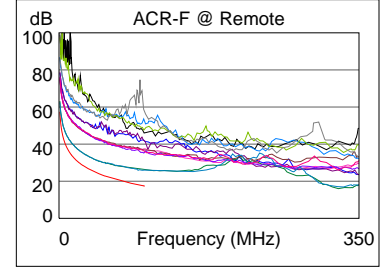
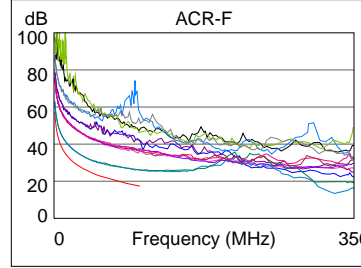
Length (m), Limit 100.0	[Pair 12]	42.0
Prop. Delay (ns), Limit 555		209
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.6
Insertion Loss Margin (dB)	[Pair 36]	15.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



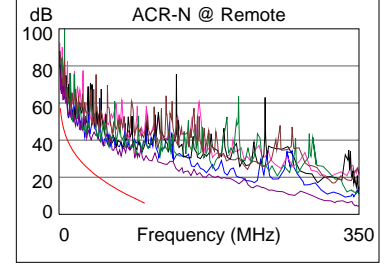
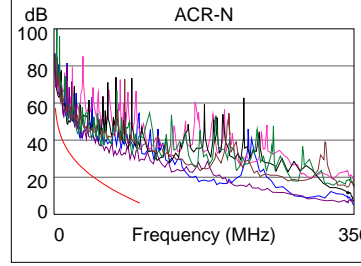
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.8	5.6	7.1	7.0
Freq. (MHz)	69.8	69.5	99.5	99.5
Limit (dB)	32.8	32.8	30.1	30.1
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	7.7	7.4	9.1	8.8
Freq. (MHz)	64.5	69.5	99.5	96.8
Limit (dB)	30.4	29.8	27.1	27.3



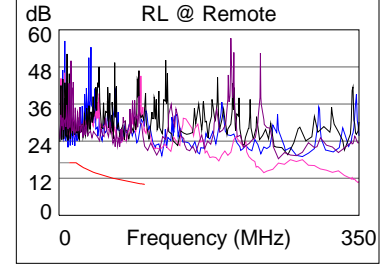
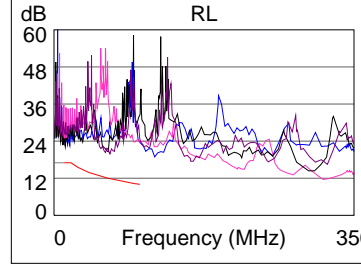
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-36	45-36
<b>ACR-F (dB)</b>	5.0	5.1	7.9	7.9
Freq. (MHz)	1.0	1.0	94.5	94.8
Limit (dB)	57.4	57.4	17.9	17.9
Worst Pair	45	36	36	36
<b>PS ACR-F (dB)</b>	7.8	7.7	10.5	10.9
Freq. (MHz)	1.0	1.0	94.5	97.8
Limit (dB)	54.4	54.4	14.9	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>	12.1	10.7	22.4	22.3
Freq. (MHz)	1.8	2.3	99.5	99.5
Limit (dB)	56.4	54.3	6.2	6.2
Worst Pair	36	45	45	36
<b>PS ACR-N (dB)</b>	13.9	13.1	24.4	23.7
Freq. (MHz)	11.0	1.8	99.5	96.8
Limit (dB)	35.8	53.4	3.2	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	78	78
<b>RL (dB)</b>	5.2	5.4	7.9	10.4
Freq. (MHz)	18.1	18.3	65.5	65.5
Limit (dB)	17.0	17.0	11.8	11.8



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



**Cable ID: D1-04**

**Test Summary: PASS**

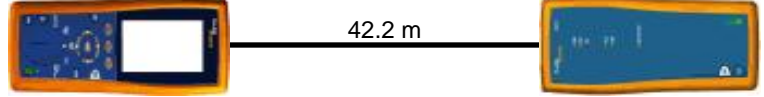
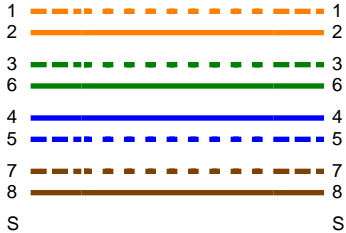
Date / Time: 08/24/2009 02:49:22pm  
 Headroom: 5.7 dB (NEXT 36-45)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

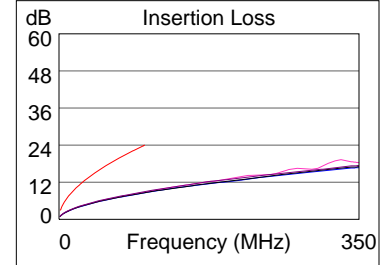
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

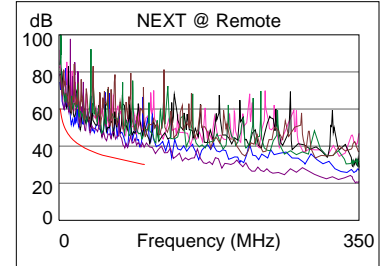
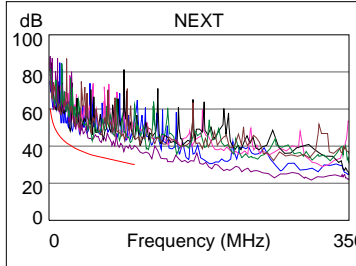
**PASS**



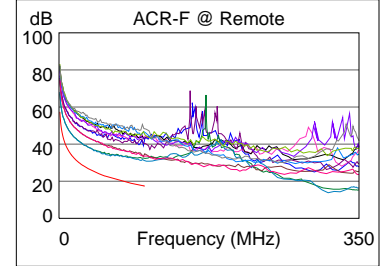
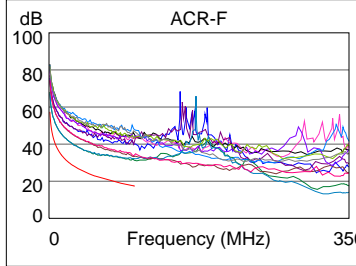
Length (m), Limit 100.0	[Pair 12]	42.2
Prop. Delay (ns), Limit 555		210
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.6
Insertion Loss Margin (dB)	[Pair 78]	15.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



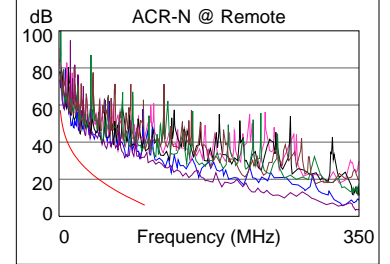
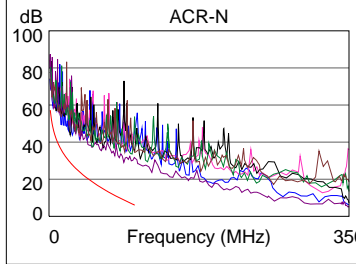
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.7	6.6	5.7	7.8
Freq. (MHz)	87.5	79.5	87.5	98.5
Limit (dB)	31.1	31.8	31.1	30.2
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	7.8	7.0	7.9	7.0
Freq. (MHz)	50.3	79.5	87.8	79.5
Limit (dB)	32.2	28.8	28.1	28.8



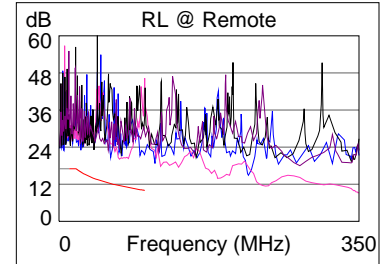
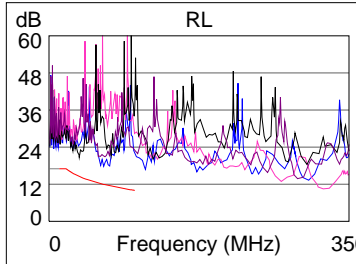
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	9.7	9.7	13.8	13.6
Freq. (MHz)	1.4	1.8	99.8	99.8
Limit (dB)	54.6	52.5	17.4	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	11.7	11.5	14.8	14.6
Freq. (MHz)	1.0	1.8	98.0	99.8
Limit (dB)	54.4	49.5	14.6	14.4



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	36-45	36-45
<b>ACR-N (dB)</b>	11.1	11.7	22.3	23.1
Freq. (MHz)	4.1	1.6	98.5	98.5
Limit (dB)	48.8	56.9	6.4	6.4
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.6	11.9	23.6	23.4
Freq. (MHz)	4.5	5.5	95.8	93.5
Limit (dB)	45.0	43.0	4.0	4.4



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	36
<b>RL (dB)</b>	5.5	7.1	5.5	8.1
Freq. (MHz)	63.3	25.5	63.3	69.8
Limit (dB)	12.0	15.9	12.0	11.6



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



**Cable ID: D1-02**

**Test Summary: PASS**

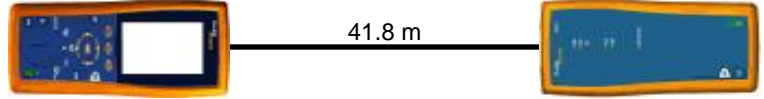
Date / Time: 08/24/2009 04:29:17pm  
 Headroom: 5.3 dB (NEXT 12-36)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

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

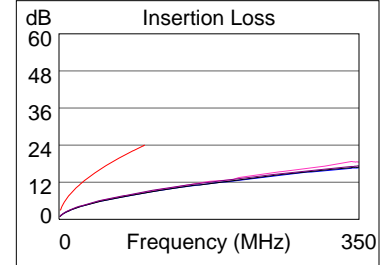
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

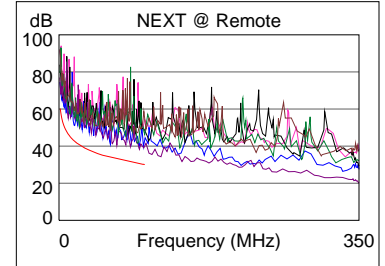
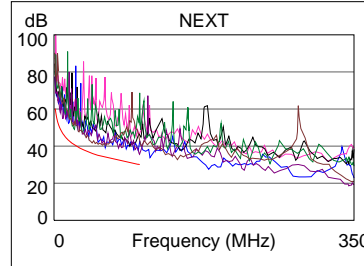
**PASS**



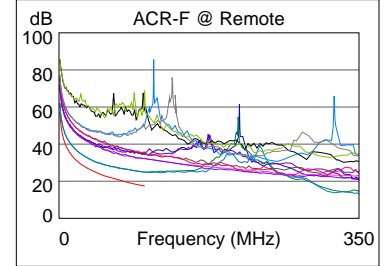
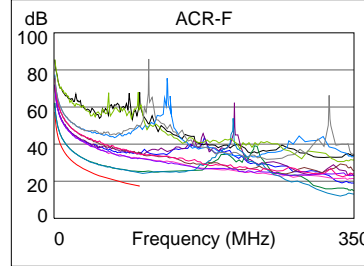
Length (m), Limit 100.0	[Pair 12]	41.8
Prop. Delay (ns), Limit 555		208
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 78]	7.6
Insertion Loss Margin (dB)	[Pair 78]	15.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0



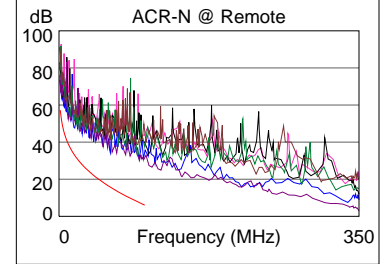
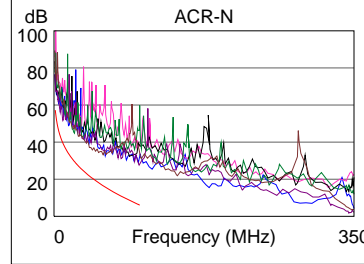
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	36-45	36-45
<b>NEXT (dB)</b>	5.3	6.7	5.5	7.5
Freq. (MHz)	59.8	59.8	99.8	99.8
Limit (dB)	33.9	33.9	30.1	30.1
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.3	8.3	7.4	8.7
Freq. (MHz)	59.5	93.3	99.3	99.3
Limit (dB)	31.0	27.6	27.1	27.1



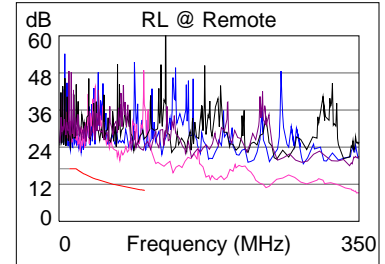
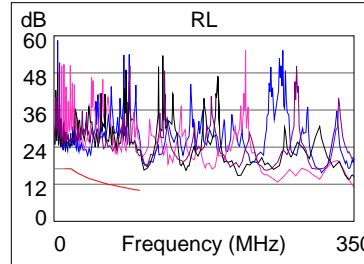
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	4.5	4.5	7.1	7.4
Freq. (MHz)	2.1	2.1	100.0	100.0
Limit (dB)	50.9	50.9	17.4	17.4
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	6.9	7.0	9.3	9.5
Freq. (MHz)	2.1	1.6	100.0	100.0
Limit (dB)	47.9	50.2	14.4	14.4



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-36	36-45	36-45
<b>ACR-N (dB)</b>	11.5	12.1	21.0	23.0
Freq. (MHz)	2.3	3.1	99.8	99.8
Limit (dB)	54.3	51.4	6.1	6.1
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.2	12.7	22.6	23.9
Freq. (MHz)	2.3	1.6	99.3	99.3
Limit (dB)	51.3	53.9	3.2	3.2



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	36
<b>RL (dB)</b>	5.5	5.9	7.2	8.2
Freq. (MHz)	15.6	13.4	42.3	71.0
Limit (dB)	17.0	17.0	13.8	11.5



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



### Cable ID: D1-01

### Test Summary: PASS

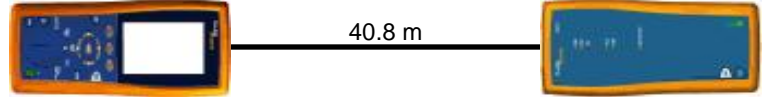
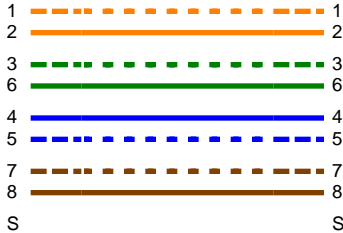
Date / Time: 08/24/2009 04:20:33pm  
**Headroom: 3.9 dB (NEXT 36-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

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

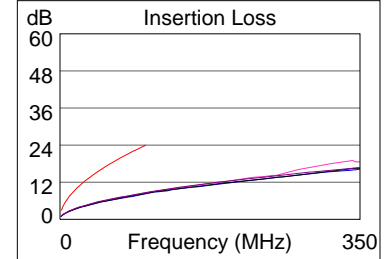
Model: DTX-1800  
 Main S/N: 9859001  
 Remote S/N: 9859002  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

#### Wire Map (T568B)

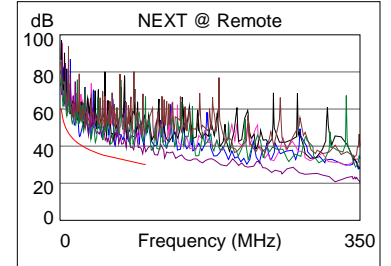
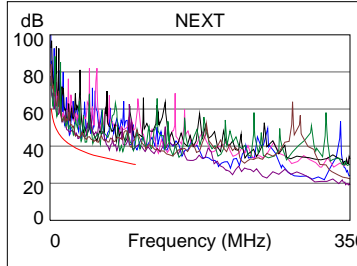
**PASS**



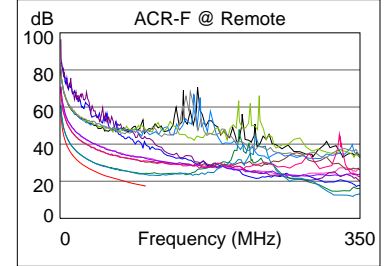
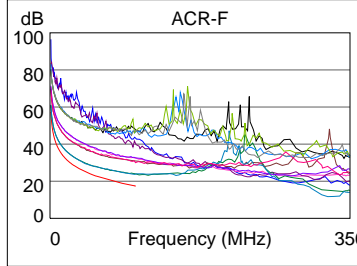
Length (m), Limit 100.0	[Pair 12]	40.8
Prop. Delay (ns), Limit 555		203
Delay Skew (ns), Limit 50		6
Resistance (ohms)	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	15.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



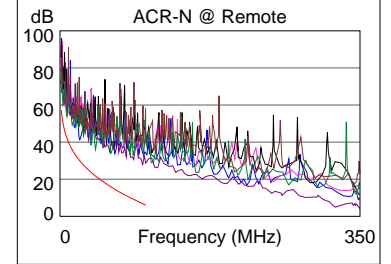
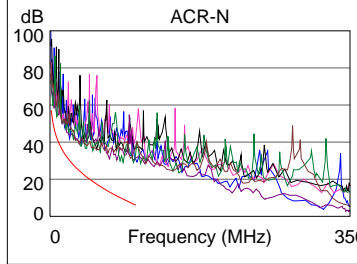
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	12-36	36-45	36-45
<b>NEXT (dB)</b>	3.9	4.0	6.5	5.5
Freq. (MHz)	41.8	22.9	99.5	96.3
Limit (dB)	36.6	41.0	30.1	30.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	4.6	6.1	6.7	7.3
Freq. (MHz)	36.3	41.8	99.3	96.5
Limit (dB)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



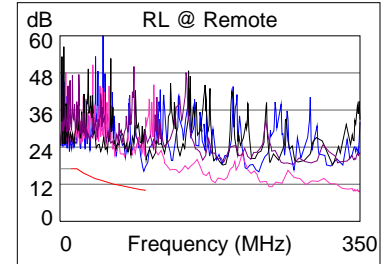
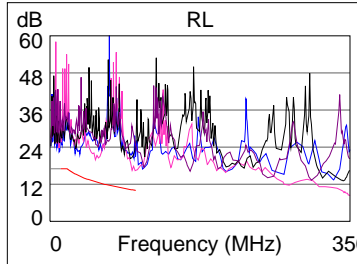
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	45-36
<b>ACR-F (dB)</b>	3.6	3.6	6.0	6.1
Freq. (MHz)	2.0	1.3	97.8	99.8
Limit (dB)	51.4	55.5	17.6	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	6.0	6.0	8.1	8.5
Freq. (MHz)	1.8	2.0	95.0	99.8
Limit (dB)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



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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	12	36	12
<b>RL (dB)</b>	5.8	6.0	5.8	6.0
Freq. (MHz)	98.8	97.5	98.8	97.5
Limit (dB)	10.1	10.1	10.1	10.1



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