



Cable ID: QP i® QA - SYSTIMAX Cable

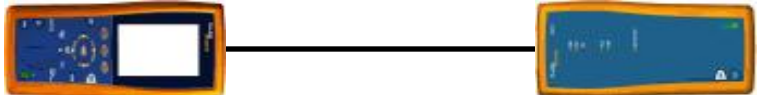
Test Summary: PASS

Date / Time: 02/14/2006 04:39:10pm
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA AugCat 6 PL dr 1.4b
 Cable Type: Cat 6 UTP

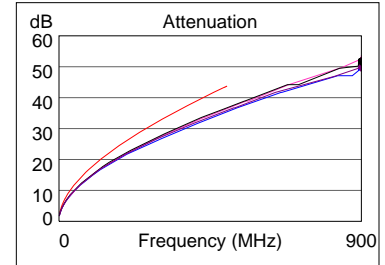
Operator: Your Name
 Software Version: 1.2200
 Limits Version: 1.0200
 NVP: 69.0%

Model: DTX-1800
 Main S/N: 8725077
 Remote S/N: 8725078
 Main Adapter: DTX-PLA001
 Remote Adapter: DTX-PLA001

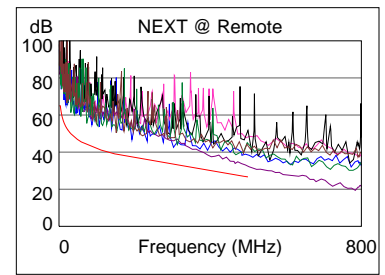
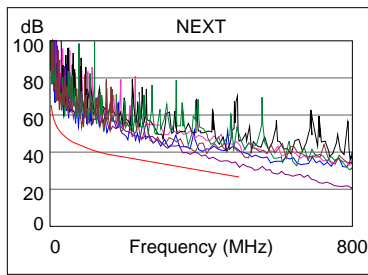
Wire Map (T568B)	1 2 3 4 5 6 7 8
PASS	
	1 2 3 4 5 6 7 8



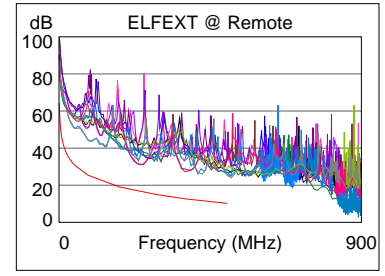
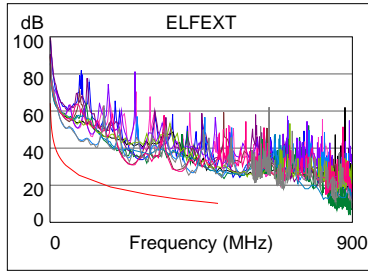
Length (ft), Limit 295	[Pair 12]	284
Prop. Delay (ns), Limit 498	[Pair 45]	444
Delay Skew (ns), Limit 44	[Pair 45]	25
Resistance (ohms)	[Pair 45]	11.3
Attenuation (dB)	[Pair 45]	7.0
Frequency (MHz)	[Pair 45]	499.0
Limit (dB)	[Pair 45]	43.7



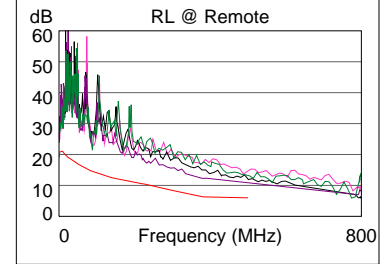
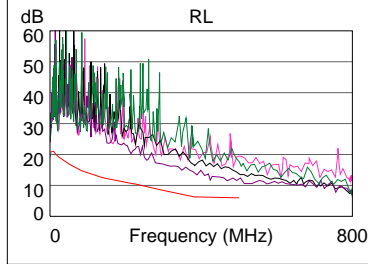
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.4	5.7	5.4	5.7
Freq. (MHz)	500.0	487.0	500.0	487.0
Limit (dB)	26.7	27.0	26.7	27.0
Worst Pair	45	36	45	36
PSNEXT (dB)	7.3	6.7	7.3	6.7
Freq. (MHz)	500.0	486.0	500.0	486.0
Limit (dB)	23.8	24.2	23.8	24.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-45	45-78	78-45	45-36
ELFEXT (dB)	13.3	14.1	14.6	15.2
Freq. (MHz)	412.0	412.0	498.0	499.0
Limit (dB)	11.9	11.9	10.2	10.2
Worst Pair	45	78	45	78
PSELFEXT (dB)	15.4	14.9	15.4	15.3
Freq. (MHz)	498.0	236.5	498.0	498.0
Limit (dB)	7.2	13.7	7.2	7.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	45
RL (dB)	5.3	3.8	5.3	3.8
Freq. (MHz)	497.0	463.0	497.0	463.0
Limit (dB)	6.0	6.0	6.0	6.0





Cable ID: QP i® QA - SYSTIMAX Cable

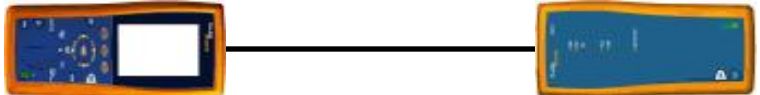
Test Summary: PASS

Date / Time: 02/14/2006 04:44:08pm
Headroom: 5.7 dB (NEXT 36-45)
Test Limit: TIA AugCat 6 PL dr 1.4b
 Cable Type: Cat 6 UTP

Operator: Your Name
 Software Version: 1.2200
 Limits Version: 1.0200
 NVP: 69.0%

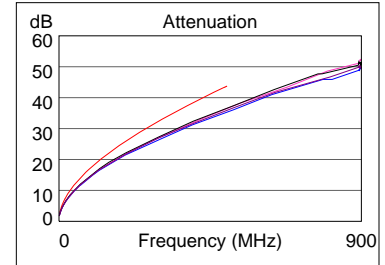
Model: DTX-1800
 Main S/N: 8725077
 Remote S/N: 8725078
 Main Adapter: DTX-PLA001
 Remote Adapter: DTX-PLA001

Wire Map (T568B)	1 2 3 4 5 6 7 8
PASS	
	1 2 3 4 5 6 7 8

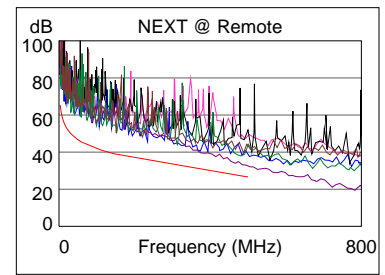
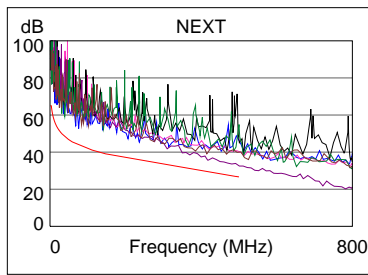


Length (ft), Limit 295	[Pair 12]	284
Prop. Delay (ns), Limit 498	[Pair 45]	444
Delay Skew (ns), Limit 44	[Pair 45]	25
Resistance (ohms)	[Pair 45]	11.3

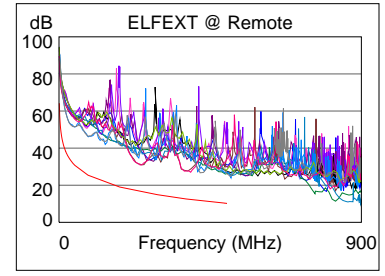
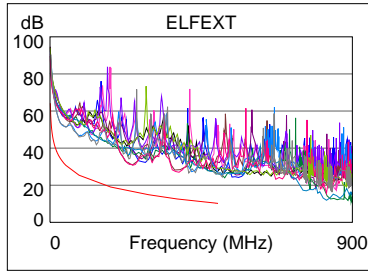
Attenuation (dB)	[Pair 45]	7.1
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	43.8



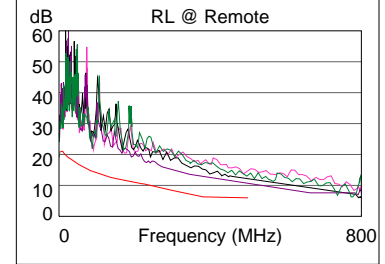
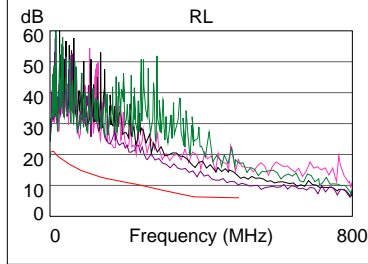
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.8	5.7	5.8	5.7
Freq. (MHz)	487.0	487.0	487.0	487.0
Limit (dB)	27.0	27.0	27.0	27.0
Worst Pair	45	36	45	36
PSNEXT (dB)	7.3	6.6	7.5	6.6
Freq. (MHz)	415.0	486.0	500.0	486.0
Limit (dB)	26.5	24.2	23.8	24.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-36	78-36	78-45	45-78
ELFEXT (dB)	14.0	14.1	14.5	15.2
Freq. (MHz)	368.0	243.5	497.0	497.0
Limit (dB)	12.9	16.5	10.3	10.3
Worst Pair	36	78	36	78
PSELFEXT (dB)	15.2	15.2	15.2	15.2
Freq. (MHz)	496.0	495.0	496.0	495.0
Limit (dB)	7.3	7.3	7.3	7.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	45
RL (dB)	4.2	3.8	4.2	3.8
Freq. (MHz)	498.0	463.0	498.0	463.0
Limit (dB)	6.0	6.0	6.0	6.0





Cable ID: QP i® QA-Wonderful Cable

Test Summary: PASS

Date / Time: 02/14/2006 04:59:17pm
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA AugCat 6 PL dr 1.4b
 Cable Type: Cat 6 UTP

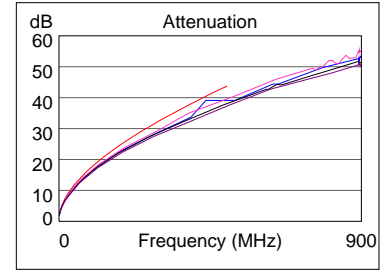
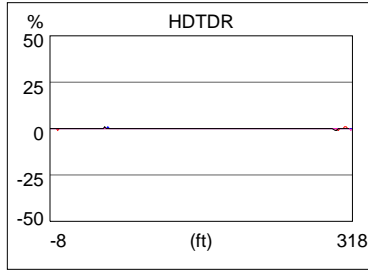
Operator: Your Name
 Software Version: 1.2200
 Limits Version: 1.0200
 NVP: 69.0%

Model: DTX-1800
 Main S/N: 8725077
 Remote S/N: 8725078
 Main Adapter: DTX-PLA001
 Remote Adapter: DTX-PLA001

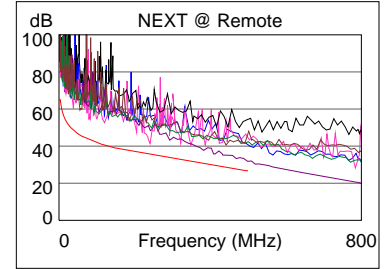
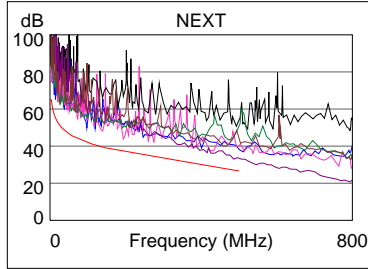
Wire Map (T568B)	1 2 3 4 5 6 7 8
PASS	
	1 2 3 4 5 6 7 8



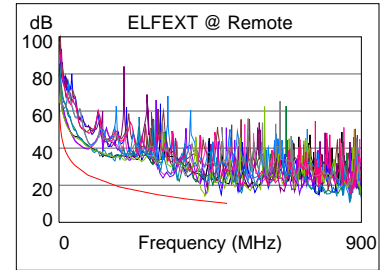
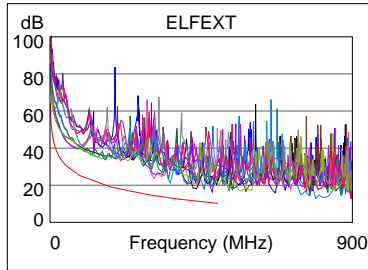
Length (ft), Limit 295	[Pair 78]	307
Prop. Delay (ns), Limit 498	[Pair 36]	480
Delay Skew (ns), Limit 44	[Pair 36]	28
Resistance (ohms)	[Pair 36]	12.3
Attenuation (dB)	[Pair 36]	3.9
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	43.8



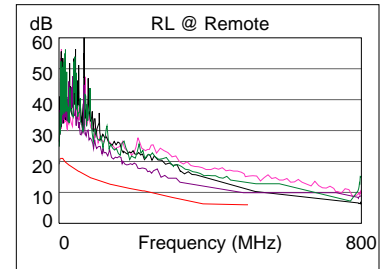
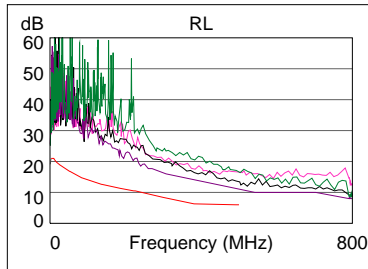
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	36-45	36-45	36-45
NEXT (dB)	5.8	4.9	6.2	5.1
Freq. (MHz)	196.5	472.0	500.0	498.0
Limit (dB)	37.1	27.5	26.7	26.7
Worst Pair	45	36	45	36
PSNEXT (dB)	7.0	7.0	7.5	7.0
Freq. (MHz)	397.0	499.0	490.0	499.0
Limit (dB)	27.2	23.8	24.1	23.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-12	78-12	36-12	78-12
ELFEXT (dB)	5.9	2.3	5.9	2.3
Freq. (MHz)	483.0	435.0	483.0	435.0
Limit (dB)	10.5	11.4	10.5	11.4
Worst Pair	36	12	12	12
PSELFEXT (dB)	7.6	6.3	7.8	6.3
Freq. (MHz)	405.0	436.0	481.0	436.0
Limit (dB)	9.0	8.4	7.5	8.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	45
RL (dB)	5.2	3.9	5.2	3.9
Freq. (MHz)	497.0	488.0	497.0	488.0
Limit (dB)	6.0	6.0	6.0	6.0





Cable ID: QP i® QA-Wonderful Cable

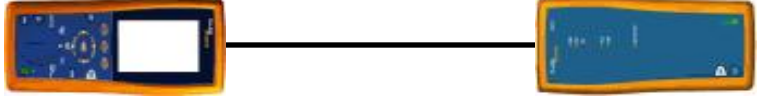
Test Summary: PASS

Date / Time: 02/14/2006 05:02:10pm
Headroom: 4.9 dB (NEXT 36-45)
Test Limit: TIA AugCat 6 PL dr 1.4b
 Cable Type: Cat 6 UTP

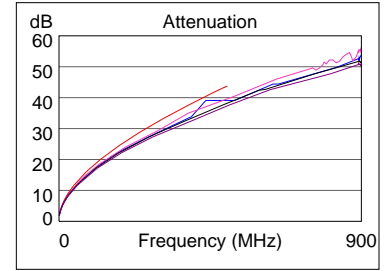
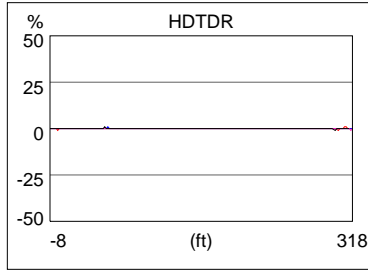
Operator: Your Name
 Software Version: 1.2200
 Limits Version: 1.0200
 NVP: 69.0%

Model: DTX-1800
 Main S/N: 8725077
 Remote S/N: 8725078
 Main Adapter: DTX-PLA001
 Remote Adapter: DTX-PLA001

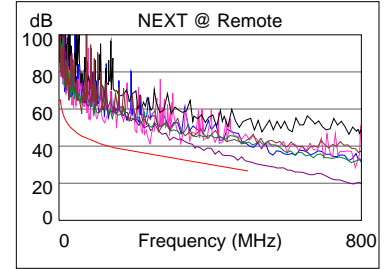
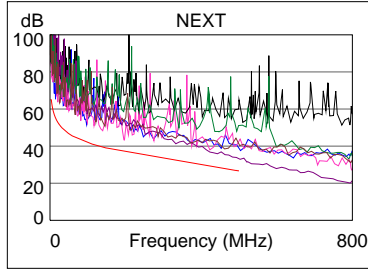
Wire Map (T568B)	1 2 3 4 5 6 7 8
PASS	
	1 2 3 4 5 6 7 8



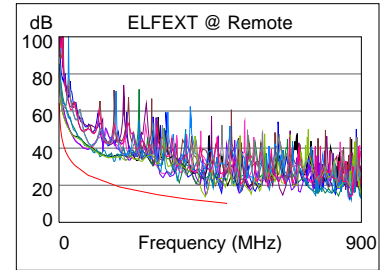
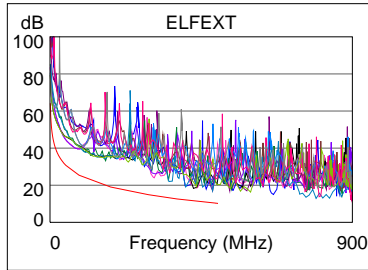
Length (ft), Limit 295	[Pair 78]	307
Prop. Delay (ns), Limit 498	[Pair 36]	479
Delay Skew (ns), Limit 44	[Pair 36]	27
Resistance (ohms)	[Pair 36]	12.4
Attenuation (dB)	[Pair 36]	3.9
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	43.8



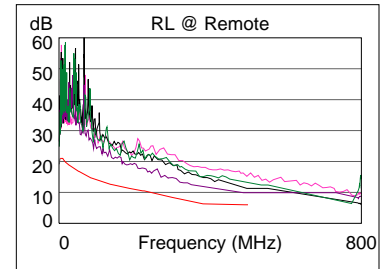
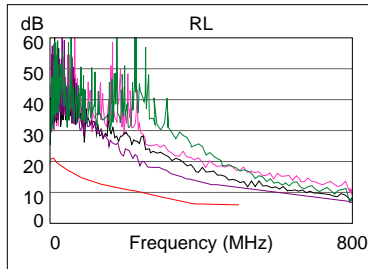
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.7	4.9	5.7	5.1
Freq. (MHz)	500.0	472.0	500.0	498.0
Limit (dB)	26.7	27.5	26.7	26.7
Worst Pair	45	36	45	36
PSNEXT (dB)	7.0	7.0	7.6	7.0
Freq. (MHz)	397.0	496.0	500.0	499.0
Limit (dB)	27.2	23.9	23.8	23.8



	MAIN	SR	MAIN	SR
Worst Pair	36-12	78-12	36-12	78-12
ELFEXT (dB)	6.2	2.4	6.2	2.4
Freq. (MHz)	482.0	435.0	482.0	435.0
Limit (dB)	10.5	11.4	10.5	11.4
Worst Pair	36	12	36	12
PSELFEXT (dB)	6.5	6.5	7.6	6.5
Freq. (MHz)	405.0	436.0	485.0	436.0
Limit (dB)	9.0	8.4	7.5	8.4



	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.6	3.9	4.6	3.9
Freq. (MHz)	497.0	488.0	497.0	488.0
Limit (dB)	6.0	6.0	6.0	6.0





Cable ID: QP i® QA - HCS Cable

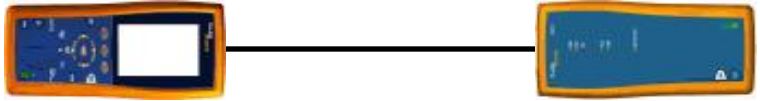
Test Summary: PASS

Date / Time: 02/14/2006 04:50:43pm
Headroom: 5.5 dB (NEXT 36-45)
Test Limit: TIA AugCat 6 PL dr 1.4b
 Cable Type: Cat 6 UTP

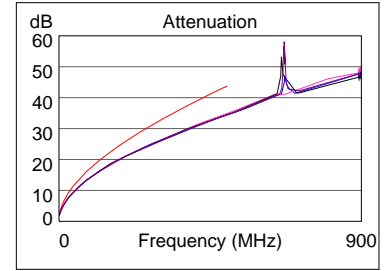
Operator: Your Name
 Software Version: 1.2200
 Limits Version: 1.0200
 NVP: 69.0%

Model: DTX-1800
 Main S/N: 8725077
 Remote S/N: 8725078
 Main Adapter: DTX-PLA001
 Remote Adapter: DTX-PLA001

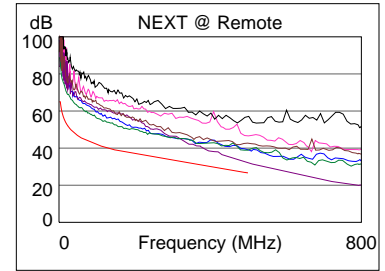
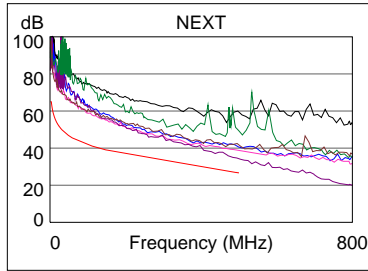
Wire Map (T568B)	1 2 3 4 5 6 7 8
PASS	
	1 2 3 4 5 6 7 8



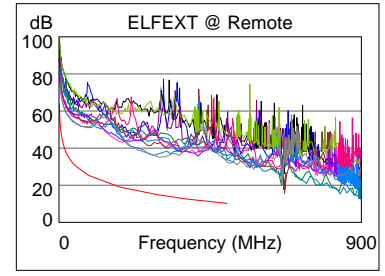
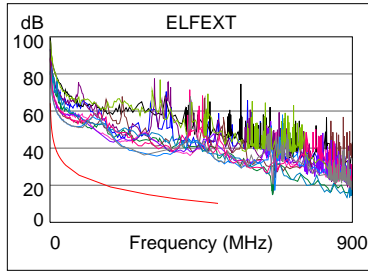
Length (ft), Limit 295	[Pair 12]	246
Prop. Delay (ns), Limit 498	[Pair 45]	368
Delay Skew (ns), Limit 44	[Pair 45]	6
Resistance (ohms)	[Pair 36]	10.8
Attenuation (dB)	[Pair 36]	8.7
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	43.8



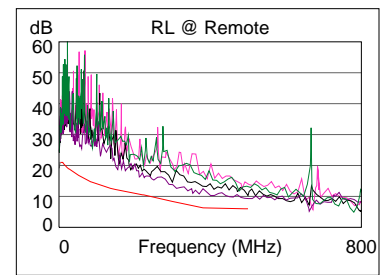
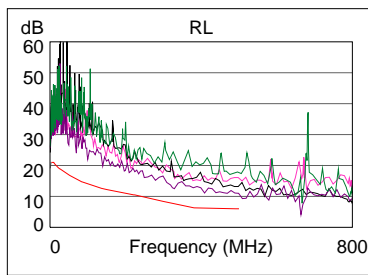
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.5	5.5	7.5	5.5
Freq. (MHz)	500.0	496.0	500.0	497.0
Limit (dB)	26.7	26.8	26.7	26.7
Worst Pair	45	36	45	36
PSNEXT (dB)	8.5	6.7	8.6	6.7
Freq. (MHz)	474.0	496.0	500.0	496.0
Limit (dB)	24.6	23.9	23.8	23.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	36-45	78-45	78-45
ELFEXT (dB)	15.2	15.2	22.5	22.3
Freq. (MHz)	1.0	1.0	500.0	500.0
Limit (dB)	64.2	64.2	10.2	10.2
Worst Pair	45	45	45	45
PSELFEXT (dB)	15.9	15.8	22.8	23.5
Freq. (MHz)	1.0	1.0	500.0	500.0
Limit (dB)	61.2	61.2	7.2	7.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	45
RL (dB)	4.5	2.9	4.5	2.9
Freq. (MHz)	442.0	492.0	442.0	492.0
Limit (dB)	6.0	6.0	6.0	6.0





Cable ID: QP i® QA - HCS Cable

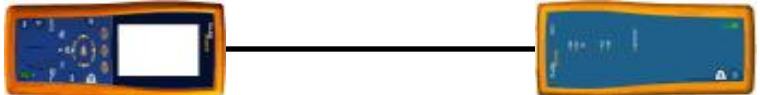
Test Summary: PASS

Date / Time: 02/14/2006 04:54:29pm
Headroom: 5.4 dB (NEXT 36-45)
Test Limit: TIA AugCat 6 PL dr 1.4b
 Cable Type: Cat 6 UTP

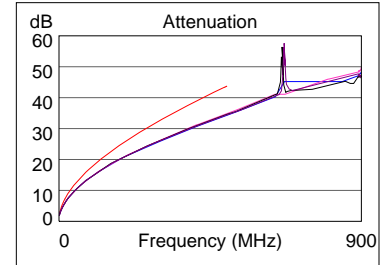
Operator: Your Name
 Software Version: 1.2200
 Limits Version: 1.0200
 NVP: 69.0%

Model: DTX-1800
 Main S/N: 8725077
 Remote S/N: 8725078
 Main Adapter: DTX-PLA001
 Remote Adapter: DTX-PLA001

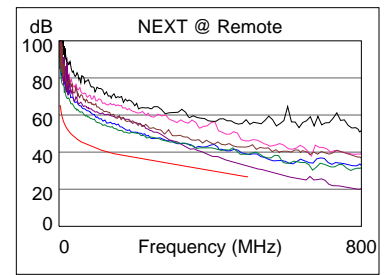
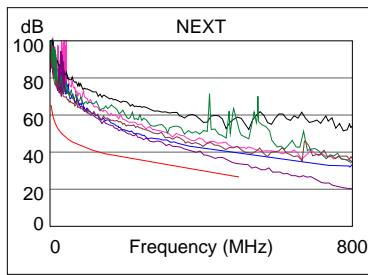
Wire Map (T568B)	1 2 3 4 5 6 7 8
PASS	
	1 2 3 4 5 6 7 8



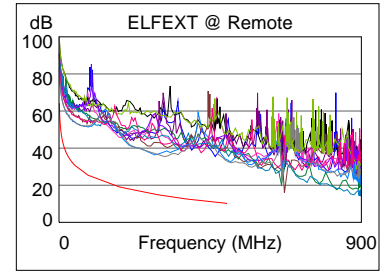
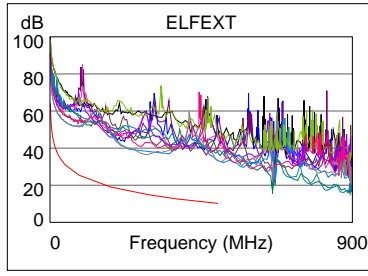
Length (ft), Limit 295	[Pair 12]	246
Prop. Delay (ns), Limit 498	[Pair 45]	368
Delay Skew (ns), Limit 44	[Pair 45]	6
Resistance (ohms)	[Pair 12]	10.8
Attenuation (dB)	[Pair 36]	8.7
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	43.8



PASS	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.0	5.4	7.0	5.4
Freq. (MHz)	492.0	496.0	500.0	497.0
Limit (dB)	26.9	26.8	26.7	26.7
Worst Pair	36	36	36	36
PSNEXT (dB)	8.8	6.6	8.9	6.6
Freq. (MHz)	493.0	496.0	500.0	496.0
Limit (dB)	24.0	23.9	23.8	23.9



PASS	MAIN		SR	
	MAIN	SR	MAIN	SR
Worst Pair	78-45	45-78	45-78	78-45
ELFEXT (dB)	17.5	17.5	22.8	22.5
Freq. (MHz)	1.0	1.0	500.0	500.0
Limit (dB)	64.2	64.2	10.2	10.2
Worst Pair	45	45	45	45
PSELFEXT (dB)	17.7	17.6	24.1	24.2
Freq. (MHz)	1.0	1.0	500.0	500.0
Limit (dB)	61.2	61.2	7.2	7.2



PASS	MAIN		SR	
	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	5.0	3.0	5.0	3.0
Freq. (MHz)	442.0	492.0	442.0	492.0
Limit (dB)	6.0	6.0	6.0	6.0

