



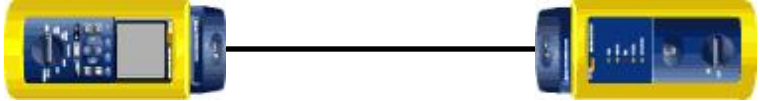
Cable ID: TCS C6UTPKJA

Test Summary: PASS

Date / Time: 03/26/2009 09:36:18am
Headroom: 2.4 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: UTP 100 Ohm Cat 6
 Fault Anomaly Threshold: 15%

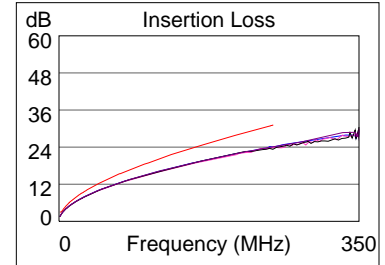
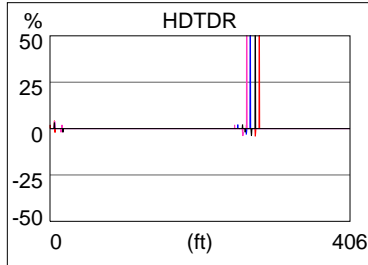
Operator: Your Name
 Software Version: 1.925
 Limits Version: 5.17c
 NVP: 69.0%
 Shield Test: N/A

Model: DSP-4300
 Main S/N: 8371009
 Remote S/N: 8371009
 Main Adapter: LIA 102
 Remote Adapter: LIA 102

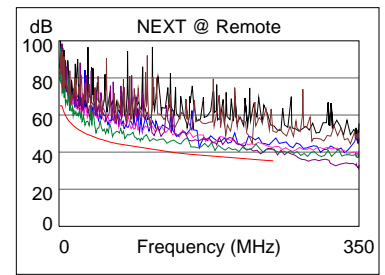
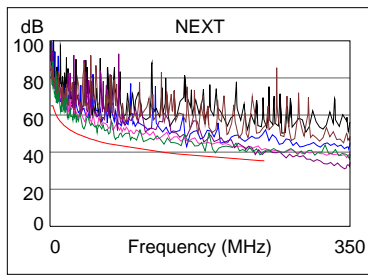


Wire Map	1 2 3 4 5 6 7 8 S
PASS	
	1 2 3 4 5 6 7 8

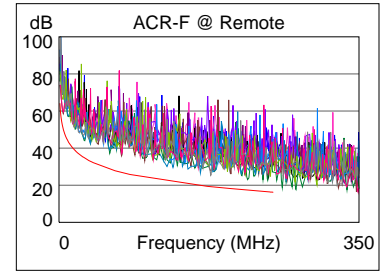
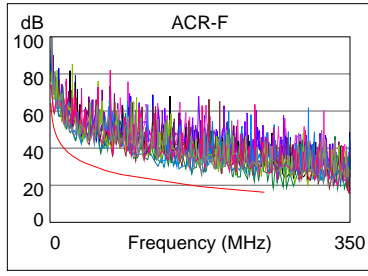
Length (ft), Limit 295	[Pair 45]	257
Prop. Delay (ns), Limit 498	[Pair 12]	403
Delay Skew (ns), Limit 44	[Pair 12]	25
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 78]	6.8
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	31.1



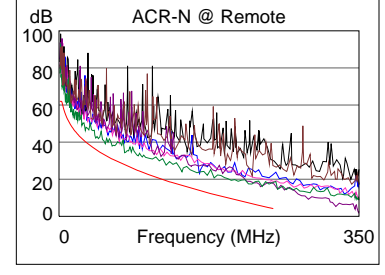
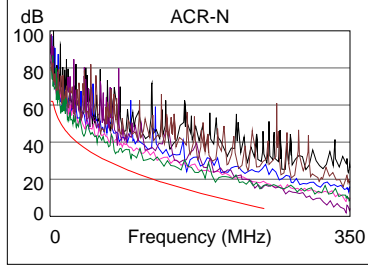
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
NEXT (dB)	2.4	2.7	2.7	3.4
Freq. (MHz)	193.0	43.4	238.5	235.0
Limit (dB)	37.2	47.6	35.6	35.7
Worst Pair	36	36	36	36
PS NEXT (dB)	2.8	2.6	2.8	2.6
Freq. (MHz)	238.5	236.0	238.5	236.0
Limit (dB)	33.1	33.2	33.1	33.2



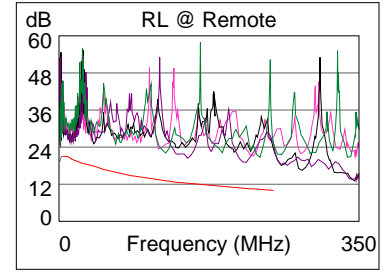
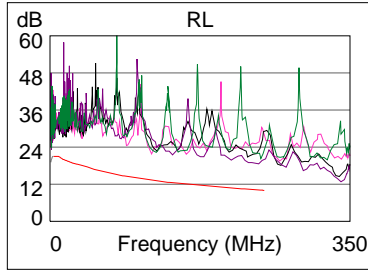
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	4.4	4.7	5.3	5.4
Freq. (MHz)	149.0	149.0	238.5	238.5
Limit (dB)	20.7	20.7	16.6	16.6
Worst Pair	45	78	45	78
PS ACR-F (dB)	6.2	7.4	6.2	7.4
Freq. (MHz)	243.5	244.0	243.5	244.0
Limit (dB)	13.4	13.4	13.4	13.4



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	5.2	4.8	10.1	9.9
Freq. (MHz)	12.6	43.4	245.0	236.5
Limit (dB)	50.1	35.8	4.7	5.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.7	6.7	10.6	9.1
Freq. (MHz)	12.6	43.2	247.5	236.0
Limit (dB)	47.7	33.5	1.9	3.1



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	45	45
RL (dB)	5.8	4.8	8.4	8.3
Freq. (MHz)	5.4	15.5	243.0	218.0
Limit (dB)	21.0	20.0	10.1	10.6



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



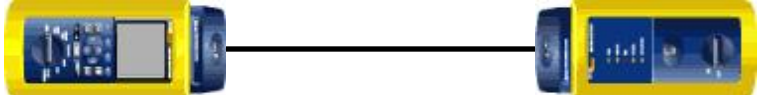
Cable ID: TCS C6UTPKJB

Test Summary: PASS

Date / Time: 03/26/2009 09:40:52am
Headroom: 2.8 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: UTP 100 Ohm Cat 6
 Fault Anomaly Threshold: 15%

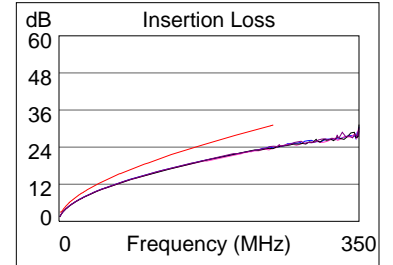
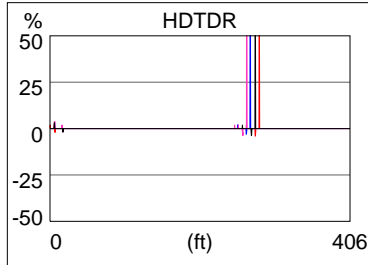
Operator: Your Name
 Software Version: 1.925
 Limits Version: 5.17c
 NVP: 69.0%
 Shield Test: N/A

Model: DSP-4300
 Main S/N: 8371009
 Remote S/N: 8371009
 Main Adapter: LIA 102
 Remote Adapter: LIA 102

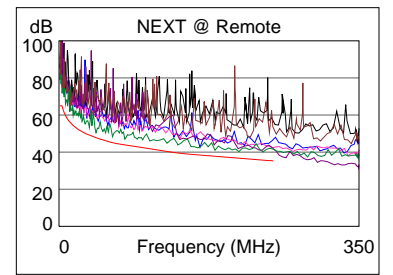
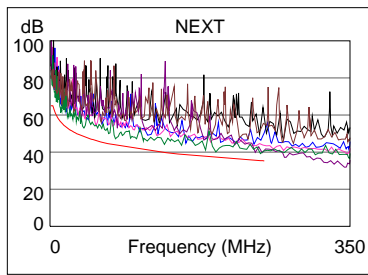


Wire Map	1 2 3 4 5 6 7 8 S
PASS	
	1 2 3 4 5 6 7 8

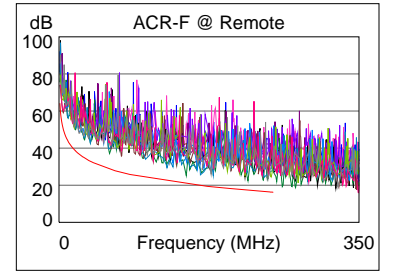
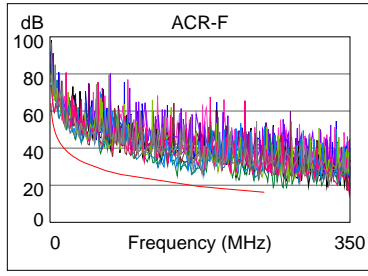
Length (ft), Limit 295	[Pair 45]	257
Prop. Delay (ns), Limit 498	[Pair 12]	403
Delay Skew (ns), Limit 44	[Pair 12]	25
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 78]	6.8
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	31.1



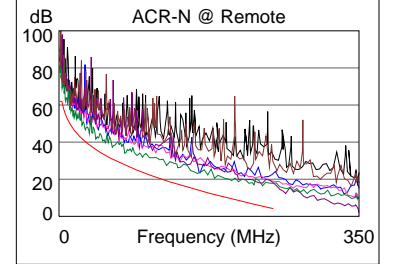
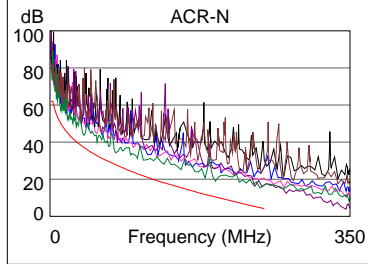
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	2.8	2.8	3.6	3.3
Freq. (MHz)	193.0	200.0	245.0	236.0
Limit (dB)	37.2	37.0	35.5	35.7
Worst Pair	36	36	36	36
PS NEXT (dB)	3.5	2.4	3.8	2.4
Freq. (MHz)	238.5	236.0	245.5	236.0
Limit (dB)	33.1	33.2	32.8	33.2



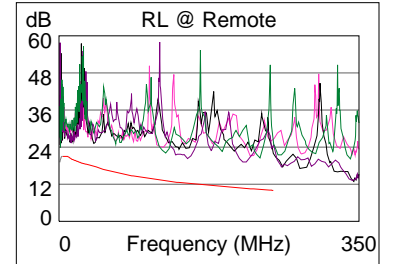
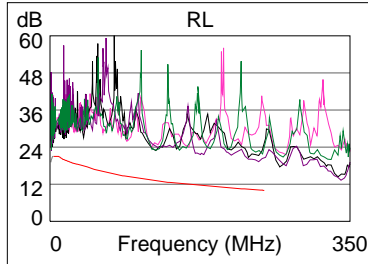
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	4.2	4.4	5.8	5.1
Freq. (MHz)	148.5	148.5	238.5	220.5
Limit (dB)	20.8	20.8	16.6	17.3
Worst Pair	45	36	45	78
PS ACR-F (dB)	6.9	7.0	7.0	8.0
Freq. (MHz)	148.5	148.5	243.5	244.5
Limit (dB)	17.8	17.8	13.4	13.4



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	5.5	4.9	10.6	9.6
Freq. (MHz)	12.6	43.4	245.5	236.5
Limit (dB)	50.1	35.8	4.6	5.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.6	6.8	11.2	8.9
Freq. (MHz)	12.6	43.2	248.0	236.0
Limit (dB)	47.7	33.5	1.8	3.1



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	45	45
RL (dB)	5.6	4.8	9.1	8.3
Freq. (MHz)	5.4	15.5	243.0	218.0
Limit (dB)	21.0	20.0	10.1	10.6



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



Cable ID: TCS C6UTPKJC

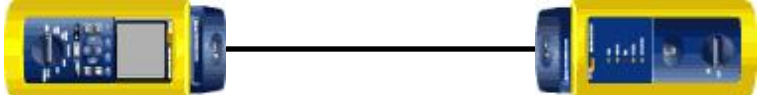
Test Summary: PASS

Date / Time: 03/26/2009 09:42:31am
Headroom: 2.7 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: UTP 100 Ohm Cat 6
 Fault Anomaly Threshold: 15%

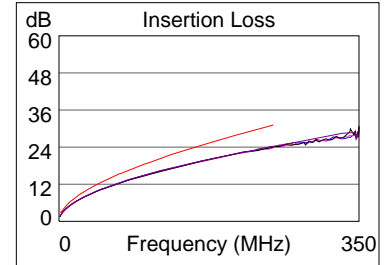
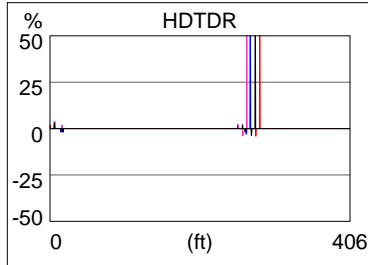
Operator: Your Name
 Software Version: 1.925
 Limits Version: 5.17c
 NVP: 69.0%
 Shield Test: N/A

Model: DSP-4300
 Main S/N: 8371009
 Remote S/N: 8371009
 Main Adapter: LIA 102
 Remote Adapter: LIA 102

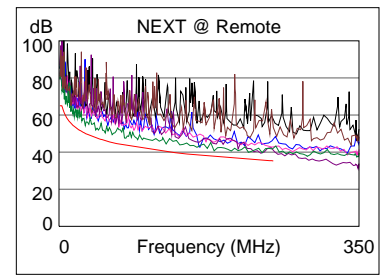
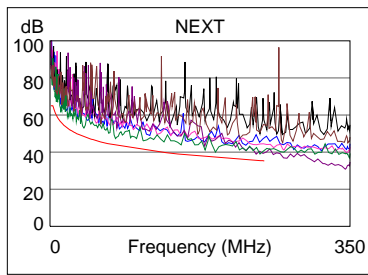
Wire Map	1 2 3 4 5 6 7 8 S
PASS	
	1 2 3 4 5 6 7 8



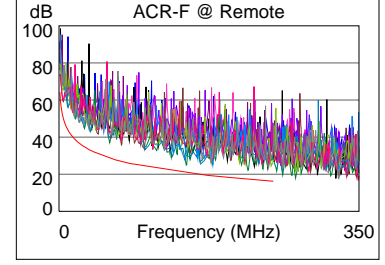
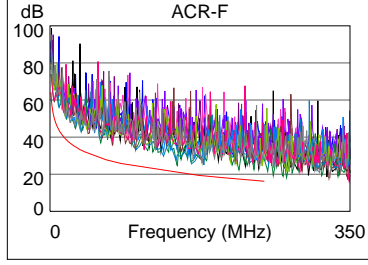
Length (ft), Limit 295	[Pair 45]	257
Prop. Delay (ns), Limit 498	[Pair 12]	404
Delay Skew (ns), Limit 44	[Pair 12]	26
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 12]	6.6
Frequency (MHz)	[Pair 12]	246.0
Limit (dB)	[Pair 12]	30.8



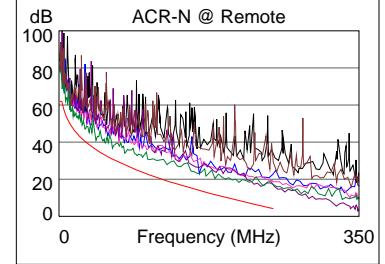
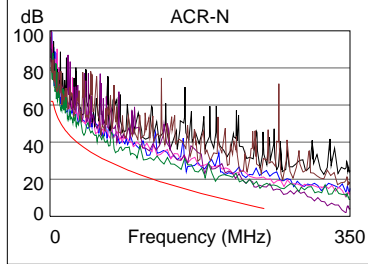
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-78	36-45	36-78
NEXT (dB)	2.7	2.8	2.7	3.1
Freq. (MHz)	239.0	200.0	239.0	236.0
Limit (dB)	35.6	37.0	35.6	35.7
Worst Pair	36	36	36	36
PS NEXT (dB)	2.8	2.4	2.8	2.4
Freq. (MHz)	239.0	236.0	239.0	236.0
Limit (dB)	33.1	33.2	33.1	33.2



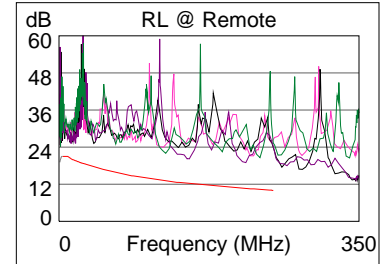
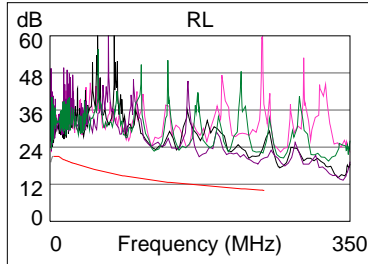
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	3.9	4.1	5.1	4.8
Freq. (MHz)	148.5	148.5	220.5	220.5
Limit (dB)	20.8	20.8	17.3	17.3
Worst Pair	45	36	45	78
PS ACR-F (dB)	6.6	6.9	7.5	7.9
Freq. (MHz)	148.5	148.5	244.0	244.5
Limit (dB)	17.8	17.8	13.4	13.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-45	36-78
ACR-N (dB)	5.6	4.9	10.0	9.5
Freq. (MHz)	12.6	43.4	247.0	236.0
Limit (dB)	50.1	35.8	4.5	5.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.6	6.9	10.5	8.9
Freq. (MHz)	12.5	43.2	248.0	236.0
Limit (dB)	47.8	33.5	1.8	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	45	45	45
RL (dB)	5.7	4.8	8.3	8.4
Freq. (MHz)	5.5	15.5	243.0	218.0
Limit (dB)	21.0	20.0	10.1	10.6



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