



Cable ID: AAA2

Date / Time: 10/10/2001 12:00:05pm

Headroom: 6.8 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: UTP 100 Ohm Cat 5e

Fault Anomaly Threshold: 15%

Operator: 111

Software Version: 1.1

Limits Version: 4.7

NVP: 69.0%

Shield Test: N/A

Test Summary: PASS

Model: DSP-4300

Main S/N: 0000020

Remote S/N: 0000001

Main Adapter: LIA 013

Remote Adapter: LIA 012

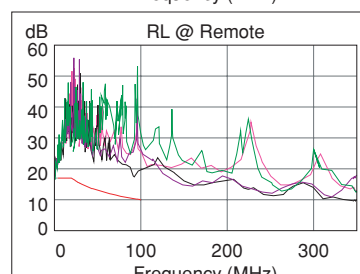
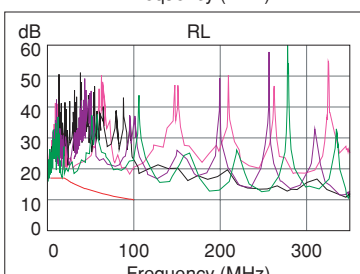
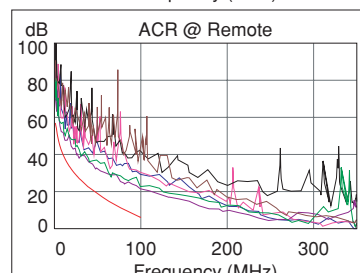
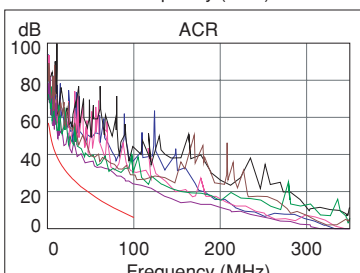
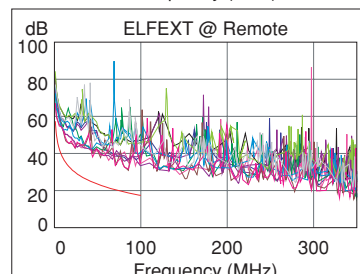
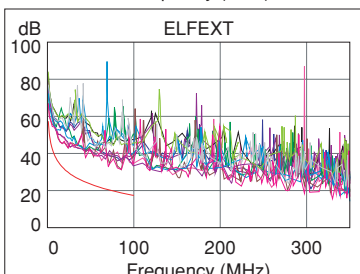
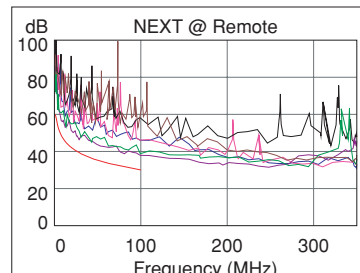
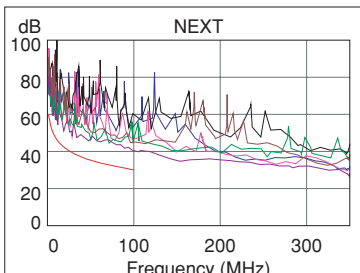
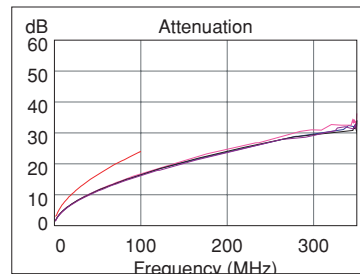
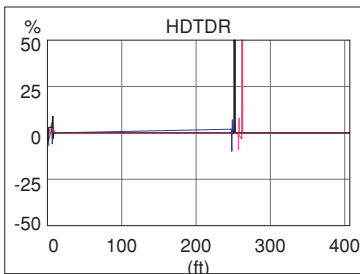
Wire Map 1 2 3 4 5 6 7 8 S

PASS

 1 2 3 4 5 6 7 8
 | | | | | | | |
 1 2 3 4 5 6 7 8


Length (ft), Limit 328	[Pair 78]	251
Prop. Delay (ns), Limit 555	[Pair 12]	386
Delay Skew (ns), Limit 50	[Pair 12]	16
Resistance (ohms)		

Attenuation (dB)	[Pair 36]	7.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.8	6.8	9.6	7.6
Freq. (MHz)	1.4	28.7	91.8	100.0
Limit (dB)	60.0	39.4	30.7	30.1
Worst Pair	36	36	45	36
PSNEXT (dB)	8.4	7.7	11.8	7.9
Freq. (MHz)	3.9	29.1	98.2	99.6
Limit (dB)	50.8	36.3	27.2	27.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ELFEXT (dB)	8.9	8.8	11.7	11.3
Freq. (MHz)	1.3	1.3	84.0	84.0
Limit (dB)	55.2	55.2	18.9	18.9
Worst Pair	36	36	36	36
PSELFEXT (dB)	10.5	10.5	13.8	13.4
Freq. (MHz)	1.3	1.3	86.4	84.0
Limit (dB)	52.2	52.2	15.6	15.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR (dB)	9.1	9.3	17.8	15.3
Freq. (MHz)	1.4	12.2	98.6	100.0
Limit (dB)	57.0	37.7	6.3	6.0
Worst Pair	36	36	45	36
PSACR (dB)	9.8	9.6	19.3	15.2
Freq. (MHz)	3.9	3.9	98.2	99.6
Limit (dB)	46.4	46.4	3.4	3.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	36
RL (dB)	0.2*	2.7	0.2	6.4
Freq. (MHz)	21.1	4.6	21.1	91.8
Limit (dB)	16.8	17.0	16.8	10.4

Compliant Network Standards:

10BASE-T	100BASE-TX
1000BASE-T	ATM-25
ATM-155	100VG-AnyLan
TR-16 Active	TR-16 Passive

100BASE-T4
ATM-51
TR-4

* Measurement is within the accuracy limits of the instrument.

Project: Sample Project

Site: DSP

Building: D-30

Floor: Copper

sample.flw



Cable ID: PORT-002

Date / Time: 02/11/2002 03:16:00pm

Headroom: 15.5 dB (NEXT)

Test Limit: Cat 5E P-Link

Cable Type: Cat 5E UTP

Software Version: V06.00

NVP: 72

Test Summary: PASS

Model: OMNIScanner

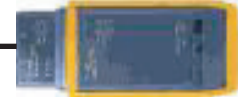
Main S/N: 50D01D00144

Remote S/N: 50E01C00137

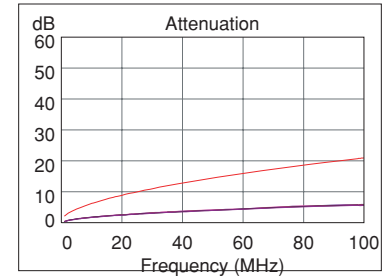
Main Adapter: MT CAT6 SSTP

Remote Adapter: MT CAT6 SSTP

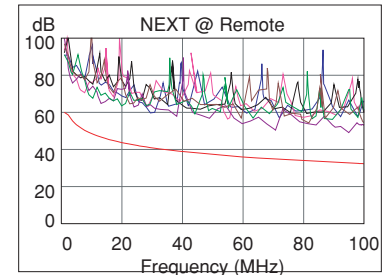
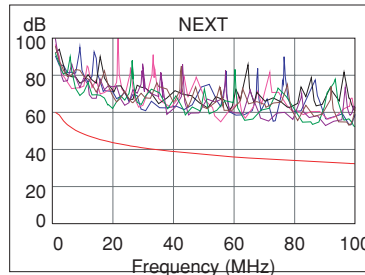
Wire Map	Expected	Actual
PASS		
Omni:	12345678	12345678
Remote:	12345678	12345678



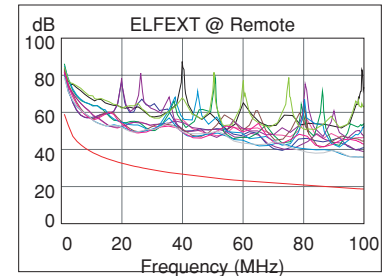
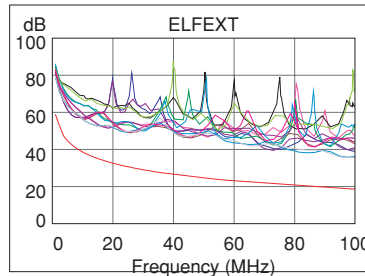
Length (ft), Limit 295	[Pair 12]	104
Prop. Delay (ns), Limit 498	[Pair 78]	140
Delay Skew (ns), Limit 44		7
Resistance (ohms)		
Attenuation (dB)	[Pair 12]	15.0
Frequency (MHz)	[Pair 12]	99.2
Limit (dB)	[Pair 12]	20.9



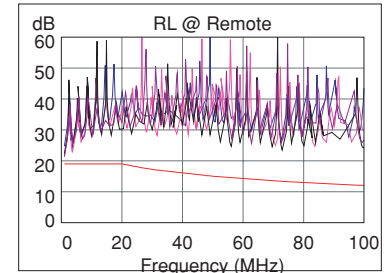
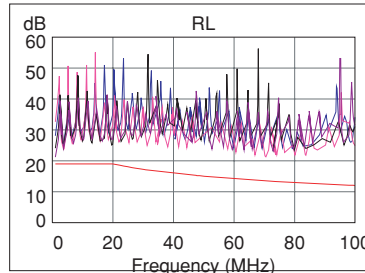
	Worst Case Margin	Worst Case Value	MAIN	SR
PASS				
Worst Pair			36-45	36-45
NEXT (dB)	15.5		19.0	16.4
Freq. (MHz)			90.9	94.9
Limit (dB)			33.0	32.7
Worst Pair			45	45
PSNEXT (dB)	17.9		20.1	18.9
Freq. (MHz)			94.0	94.9
Limit (dB)			29.8	29.7



	Worst Case Margin	Worst Case Value	MAIN	SR
PASS				
Worst Pair			45-78	78-45
ELFEXT (dB)	15.8		16.7	16.6
Freq. (MHz)			96.7	96.7
Limit (dB)			18.9	18.9
Worst Pair			78	45
PSELFEXT (dB)	16.7		19.2	19.2
Freq. (MHz)			96.7	96.7
Limit (dB)			15.9	15.9



	Worst Case Margin	Worst Case Value	MAIN	SR
PASS				
Worst Pair			36	45
RL (dB)	7.6		7.8	10.1
Freq. (MHz)			70.7	73.2
Limit (dB)			13.5	13.4



1780095 F-ENG-N Rev. A