



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

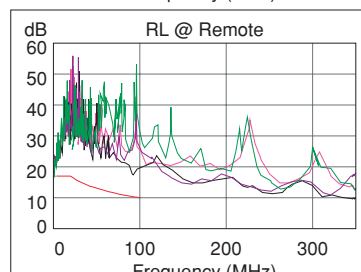
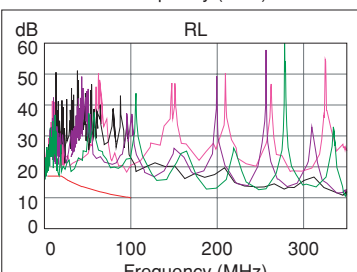
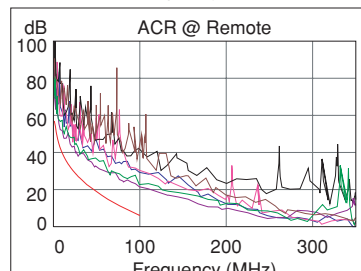
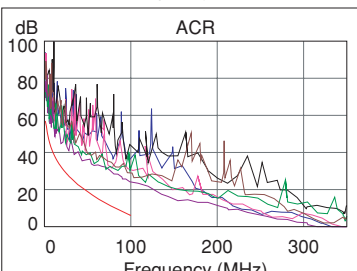
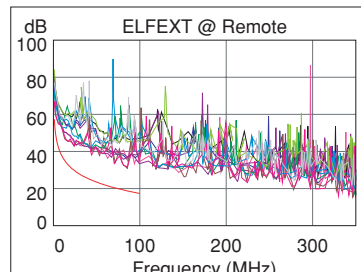
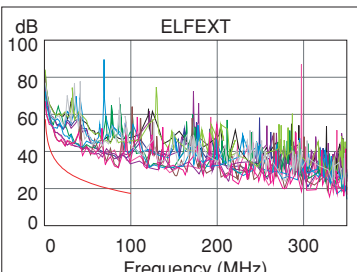
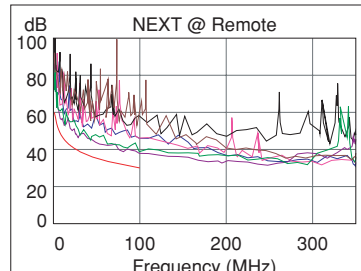
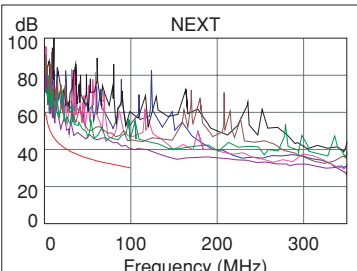
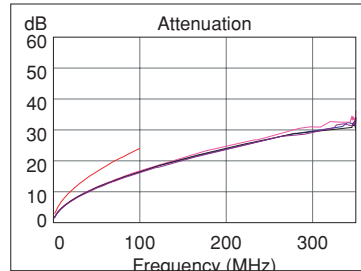
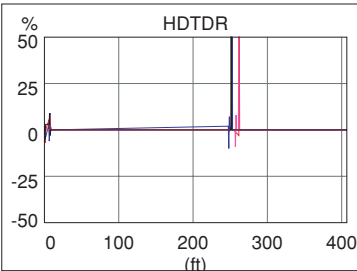
Model: DSP-4300
Main S/N: 0000020
Remote S/N: 0000001
Main Adapter: LIA 013
Remote Adapter: LIA 012

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



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	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

* Measurement is within the accuracy limits of the instrument.



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

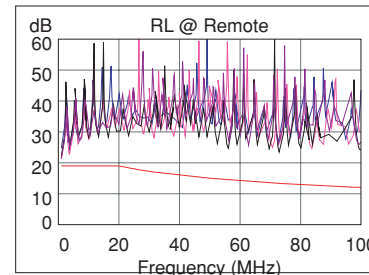
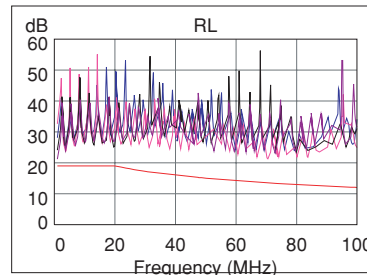
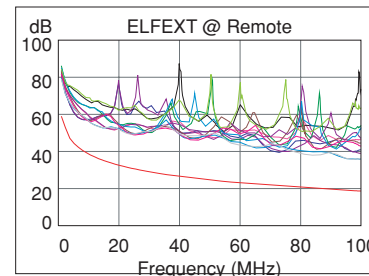
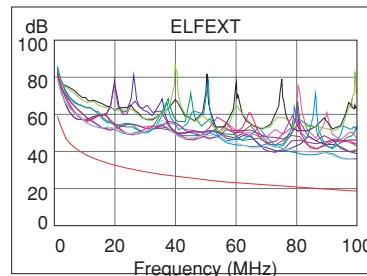
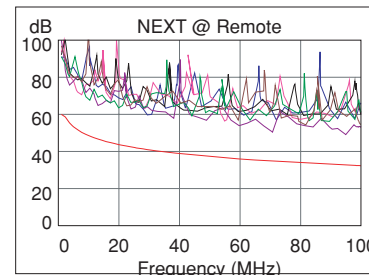
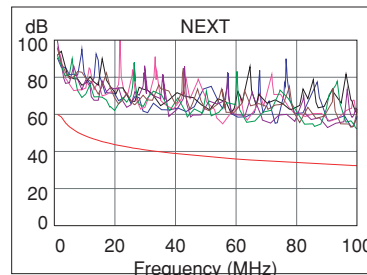
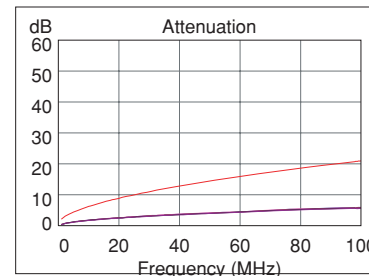
Length (ft), Limit 295	[Pair 12]	104
Prop. Delay (ns), Limit 498	[Pair 78]	140
Delay Skew (ns), Limit 44		7
Resistance (ohms)		

Attenuation (dB)	[Pair 12]	15.0
Frequency (MHz)	[Pair 12]	99.2
Limit (dB)	[Pair 12]	20.9

	Worst Case Margin	Worst Case Value	
PASS		MAIN	SR
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

PASS		MAIN	SR
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

PASS		MAIN	SR
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