



Report No : **RDT-080222-08-A**

DATE : 2008/2/22

Description :	RJ45 Jack Cat6A Channel Alien crosstalk Performance Test
Product :	10606AS
Measurements :	1. TIA Cat 6A Ch draft 8.0 1-1.PS ANEXT(End1 、 End2) 1-2.PS AACRF(End1 、 End2)
Standards :	1. TIA/EIA-568-B.2-10 Draft8.0,Transmission Performance Specification for 4 Pair 100Ω Category 6A Cabling, dated July. ,2007. 2. The modular cabling configuration is according to T568B (Pair1=4,5 Pair2=1,2 Pair3=3,6 Pair4=7,8)
Equipment :	1. FLUKE DTX-1800 CABLE ANALYZER With DTX-CHA001A CAT 6 / CLASS E CHANNEL ADAPTER(AxTalk) 2. FLUKE DTX-1800 Smart Remote With DTX-CHA001A CAT 6 / CLASS E CHANNEL ADAPTER(AxTalk) 3. FLUKE DTX-1800 Software Version:2.04 , DTX-Limit Version:1.2000 4. Linkware Version : 3.02 5. AxTalk Version 2.31
Results :	1. The results are shown in summary and graphs.

Approved :

James

Test Engineer :

Chris

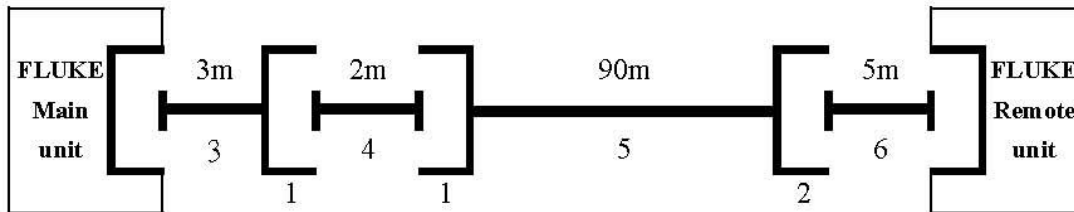


Report No :

RDY-080222-08-A

DATE : 2008/2/22

Test Set up :



Number	Description	Manufacturer	Part Number
1	Patch Panel	Dynacom	2013-24C6A
2	Modular Jack	Dynacom	10606AS
3	Patch Cord	Dynacom	600E-10-XX
4	Patch Cord	Dynacom	600E-07-XX
5	Horizontal Cable	Nexans/LANmark	ISCS-6 10G F/FTP
6	Patch Cord	Dynacom	600E-15-XX

Cable ID: LAN90M-C-THF-CH-7 (End 1)

Date / Time: 02/20/2008 05:37:51pm

Test Limit: TIA Cat 6A Ch dr 8.0

Measurement Bias Correction: On

Overall Status: **Pass**

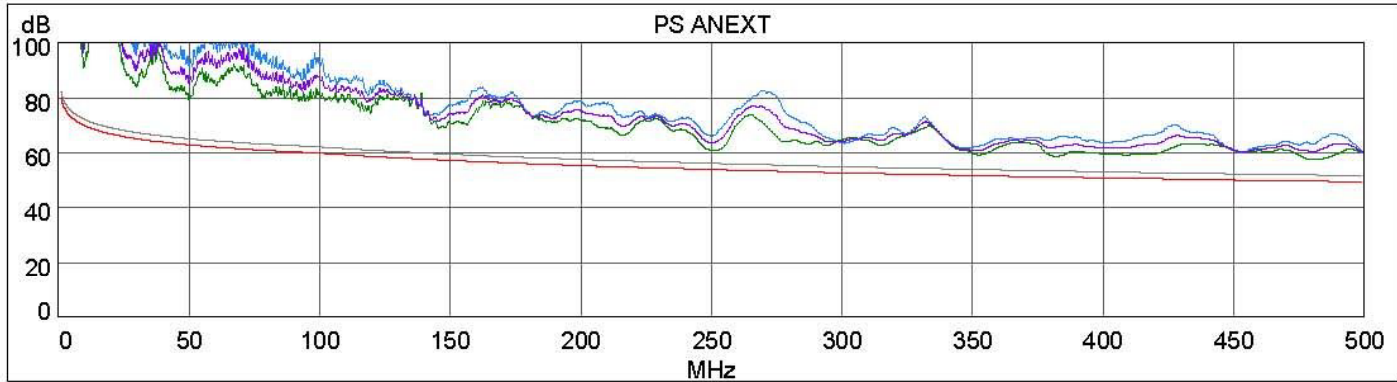
SW Version: 2.31

PS ANEXT

Pair	Frequency	Value	Limit	Margin	Status
12	* All test data above significance condition				Pass
36	251.0 MHz	60.95 dB	54.00 dB	6.95 dB	Pass
45	346.0 MHz	61.80 dB	51.91 dB	9.89 dB	Pass
78	* All test data above significance condition				Pass
Average	352.0 MHz	60.92 dB	54.05 dB	6.87 dB	Pass

Disturber List

LAN90M-C-THF-CH-1
LAN90M-C-THF-CH-2
LAN90M-C-THF-CH-3
LAN90M-C-THF-CH-4
LAN90M-C-THF-CH-5
LAN90M-C-THF-CH-6

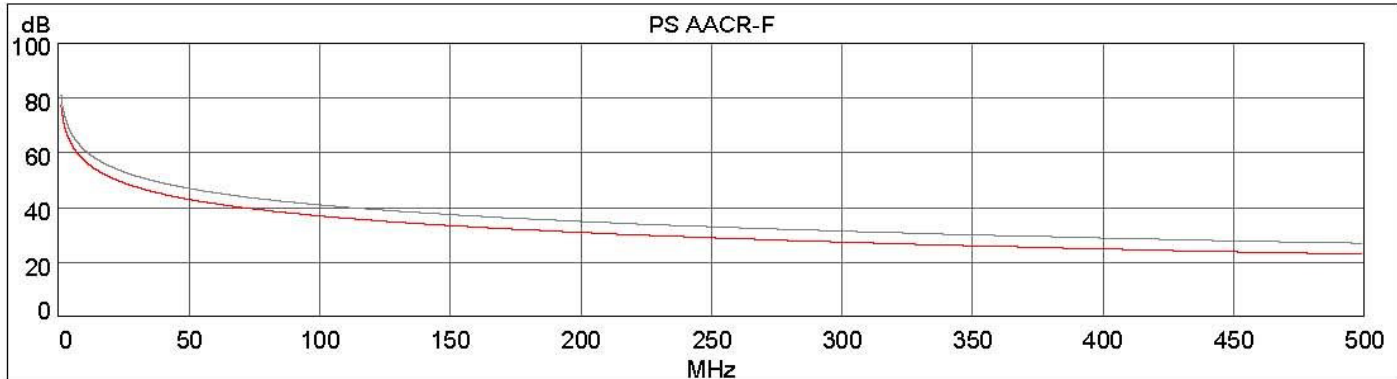


PS AACR-F

Pair	Frequency	Value	Limit	Margin	Status
12	* All test data above significance condition				Pass
36	* All test data above significance condition				Pass
45	* All test data above significance condition				Pass
78	* All test data above significance condition				Pass
Average	* All test data above significance condition				Pass

Disturber List

LAN90M-C-THF-CH-1
LAN90M-C-THF-CH-2
LAN90M-C-THF-CH-3
LAN90M-C-THF-CH-4
LAN90M-C-THF-CH-5
LAN90M-C-THF-CH-6



Cable ID: LAN90M-C-THF-CH-7 (End 2)

Date / Time: 02/20/2008 05:37:51pm

Test Limit: TIA Cat 6A Ch dr 8.0

Measurement Bias Correction: On

Overall Status: **Pass**

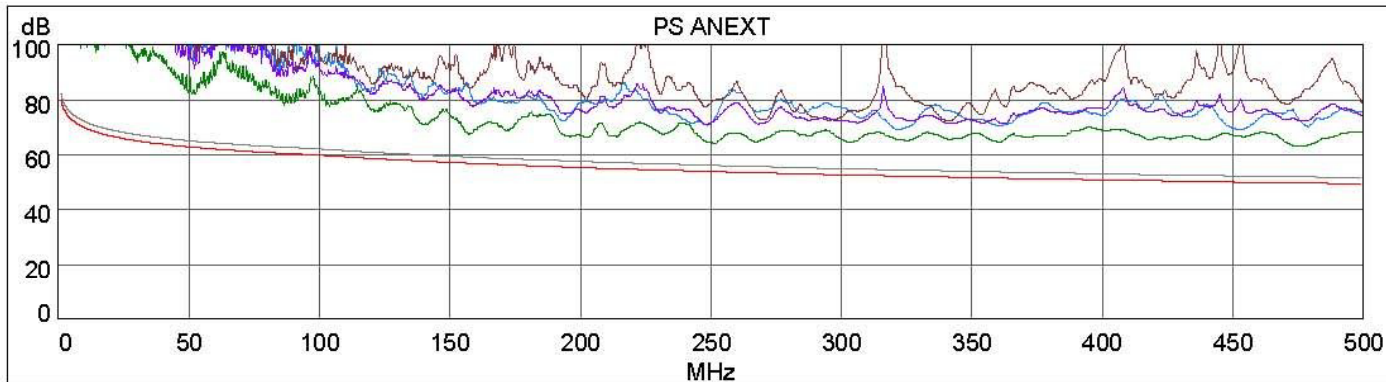
SW Version: 2.31

PS ANEXT

Pair	Frequency	Value	Limit	Margin	Status
12	* All test data above significance condition				Pass
36	251.0 MHz	64.39 dB	54.00 dB	10.38 dB	Pass
45	* All test data above limit caps				Pass
78	* All test data above limit caps				Pass
Average	* All test data above limit caps				Pass

Disturber List

LAN90M-C-THF-CH-1
LAN90M-C-THF-CH-2
LAN90M-C-THF-CH-3
LAN90M-C-THF-CH-4
LAN90M-C-THF-CH-5
LAN90M-C-THF-CH-6

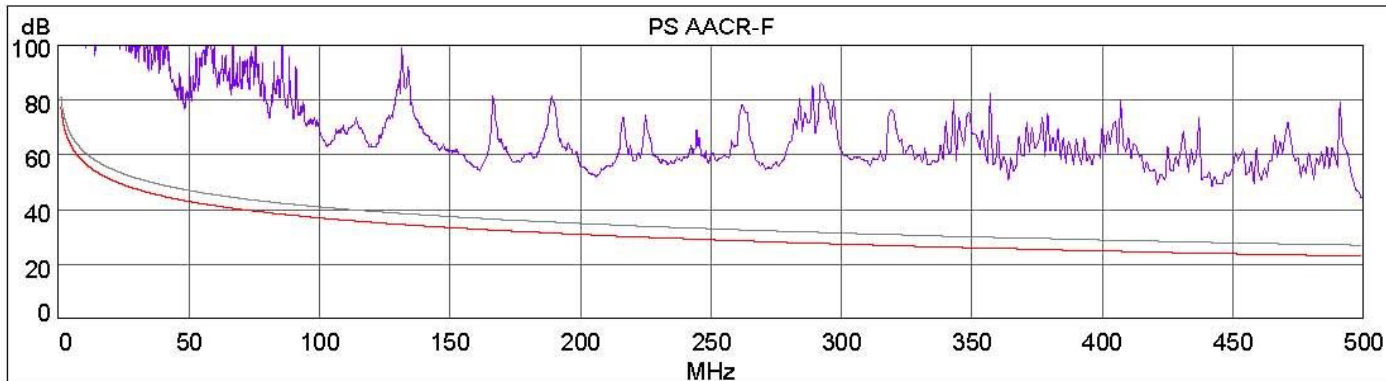


PS AACR-F

Pair	Frequency	Value	Limit	Margin	Status
12	* All test data above significance condition				Pass
36	* All test data above limit caps				Pass
45	* All test data above significance condition				Pass
78	* All test data above significance condition				Pass
Average	* All test data above limit caps				Pass

Disturber List

LAN90M-C-THF-CH-1
LAN90M-C-THF-CH-2
LAN90M-C-THF-CH-3
LAN90M-C-THF-CH-4
LAN90M-C-THF-CH-5
LAN90M-C-THF-CH-6



Report No : **RDT-080222-06-A**

DATE : 2008/2/22

Description : RJ45 Jack C6A Channel Performance Test

Product : 10606AS

Measurements : 1. TIA Cat 6A Ch draft8.0

- | | |
|---------------------|----------------------|
| 1-1. Wire Map | 1-8. NEXT |
| 1-2. Resistance | 1-9. PSNEXT |
| 1-3. Length | 1-10. ELFEXT |
| 1-4. Prop.Delay | 1-11. PSELFEXT |
| 1-5. Delay Skew | 1-12. HDTDR Analyzer |
| 1-6. Insertion Loss | 1-13. HDTDx Analyzer |
| 1-7. Return Loss | |

Standards :

1. TIA/EIA-568-B.2-10 Draft8.0, Transmission Performance Specification for 4 Pair 100 Ω Category 6A Cabling, dated July. ,2007.
2. The modular cabling configuration is according to T568B (Pair1=4,5 Pair2=1,2 Pair3=3,6 Pair4=7,8)

Equipment :

1. FLUKE DTX-1800 CABLE ANALYZER With DTX-CHA001A CAT 6 / CLASS E CHANNEL ADAPTER(AxTalk)
2. FLUKE DTX-1800 Smart Remote With DTX-CHA001A CAT 6 / CLASS E CHANNEL ADAPTER(AxTalk)

Results : 1. The results are shown in summary and graphs.

Approved : *James*

Test Engineer : *Chris*

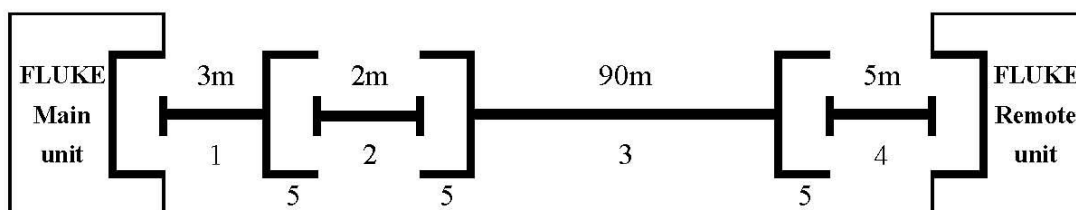


Report No :

RDT-080222-06-A

DATE : 2008/2/22

Test Set up :



Number	Description	Manufacturer	Part Number
1	Patch Cord	Dynacom	600E-10-XX
2	Patch Cord	Dynacom	600E-07-XX
3	Horizontal Cable	Nexans/LANmark	ISCS-6 10G F/FTP
4	Patch Cord	Dynacom	600E-15-XX
5	Jack	Dynacom	10606AS



Cable ID: LAN90M-C-TMAF-CH-1

Test Summary: PASS

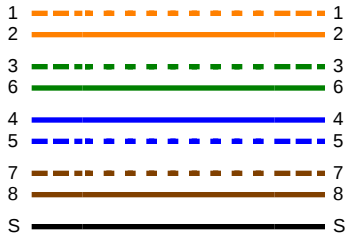
Date / Time: 02/20/2008 05:17:05pm
Headroom: 2.0 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Ch draft 8.0
Cable Type: Cat 6 FTP

Software Version: 2.0600
Limits Version: 1.2500
NVP: 70.0%

Model: DTX-1800
Main S/N: 8691087
Remote S/N: 8691088
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

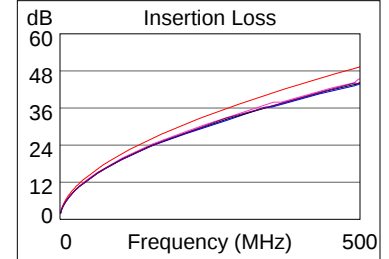
Wire Map (T568B)

PASS

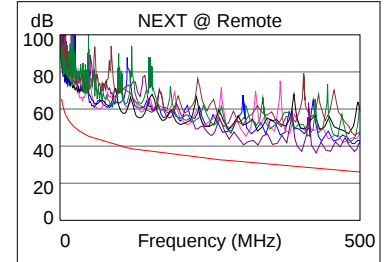
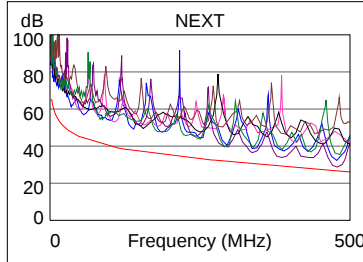


Length (ft), Limit 328 [Pair 12] 289
Prop. Delay (ns), Limit 555 [Pair 36] 424
Delay Skew (ns), Limit 50 [Pair 36] 4
Resistance (ohms) [Pair 12] 14.3

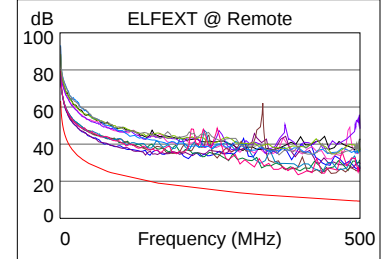
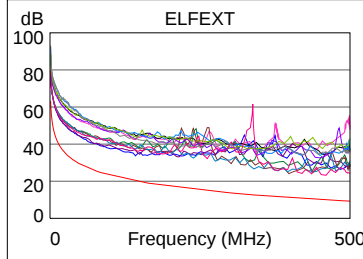
Insertion Loss Margin (dB) [Pair 36] 3.9
Frequency (MHz) [Pair 36] 500.0
Limit (dB) [Pair 36] 49.3



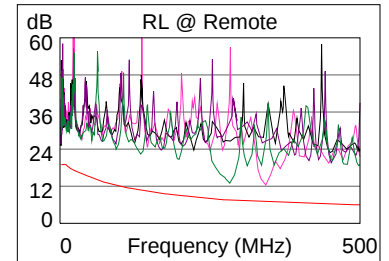
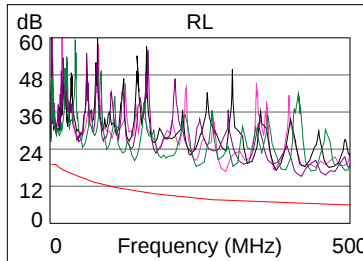
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.0*	8.2	2.0	8.2
Freq. (MHz)	475.0	426.0	478.0	426.0
Limit (dB)	26.7	28.0	26.6	28.0
Worst Pair	36	45	36	36
PSNEXT (dB)	2.6	10.2	2.6	11.6
Freq. (MHz)	477.0	308.0	478.0	488.0
Limit (dB)	23.8	28.6	23.7	23.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	78-36	78-36
ELFEXT (dB)	11.4	11.4	12.2	11.9
Freq. (MHz)	1.0	1.0	456.0	398.0
Limit (dB)	63.3	63.3	10.1	11.3
Worst Pair	36	36	36	36
PSELFEXT (dB)	11.8	11.9	13.1	14.0
Freq. (MHz)	1.0	1.0	457.0	439.0
Limit (dB)	60.3	60.3	7.1	7.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	78	45	12
RL (dB)	9.0	5.4	9.0	5.6
Freq. (MHz)	418.0	282.0	418.0	345.0
Limit (dB)	6.0	7.5	6.0	6.6



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-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.

LinkWare Version 3.11

Project: DEFAULT
Site: Client Name

LAN90M-C-THF-CH.flw



Cable ID: LAN90M-C-TMAF-CH-2

Test Summary: PASS

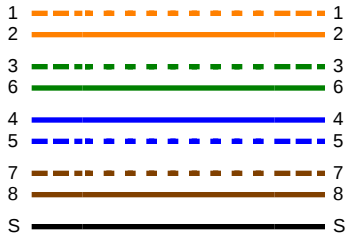
Date / Time: 02/20/2008 05:18:02pm
Headroom: 1.6 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Ch draft 8.0
Cable Type: Cat 6 FTP

Software Version: 2.0600
Limits Version: 1.2500
NVP: 70.0%

Model: DTX-1800
Main S/N: 8691087
Remote S/N: 8691088
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

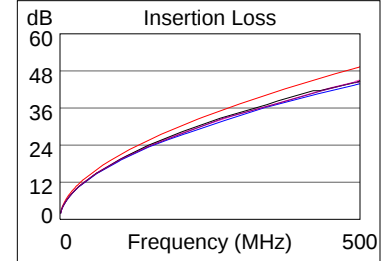
Wire Map (T568B)

PASS

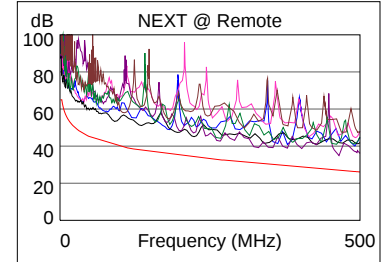
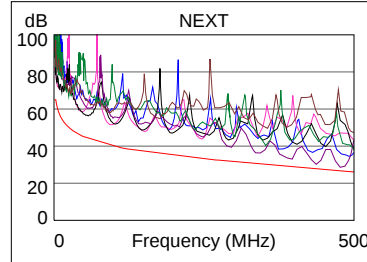


Length (ft), Limit 328 [Pair 12] 289
Prop. Delay (ns), Limit 555 [Pair 36] 424
Delay Skew (ns), Limit 50 [Pair 36] 4
Resistance (ohms) [Pair 45] 14.4

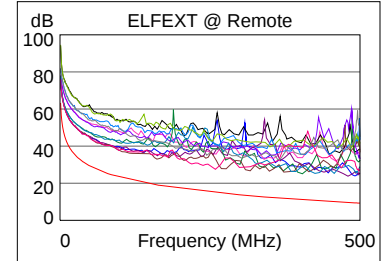
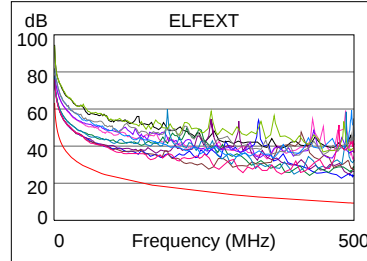
Insertion Loss Margin (dB) [Pair 36] 4.2
Frequency (MHz) [Pair 36] 498.0
Limit (dB) [Pair 36] 49.2



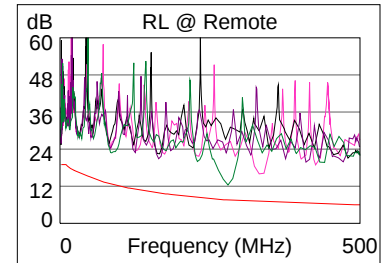
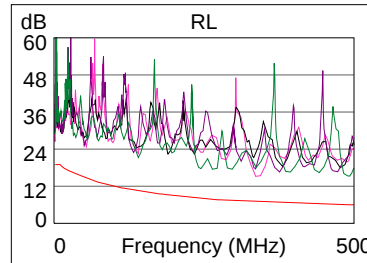
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	1.6*	7.6	1.6	7.9
Freq. (MHz)	479.0	327.0	479.0	463.0
Limit (dB)	26.6	31.1	26.6	27.0
Worst Pair	36	36	36	36
PSNEXT (dB)	3.7	9.4	3.7	9.4
Freq. (MHz)	479.0	355.0	479.0	465.0
Limit (dB)	23.7	27.2	23.7	24.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	12-36	36-12
ELFEXT (dB)	11.6	11.6	13.0	14.0
Freq. (MHz)	1.0	1.0	481.0	481.0
Limit (dB)	63.3	63.3	9.6	9.6
Worst Pair	36	36	36	36
PSELFEXT (dB)	11.0	11.1	15.1	15.3
Freq. (MHz)	1.0	1.0	479.0	495.0
Limit (dB)	60.3	60.3	6.7	6.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	78
RL (dB)	8.2	4.8	8.2	4.8
Freq. (MHz)	337.0	278.0	337.0	278.0
Limit (dB)	6.7	7.6	6.7	7.6



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-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.

LinkWare Version 3.11

Project: DEFAULT
Site: Client Name

LAN90M-C-THF-CH.flw



Cable ID: LAN90M-C-TMAF-CH-3

Test Summary: PASS

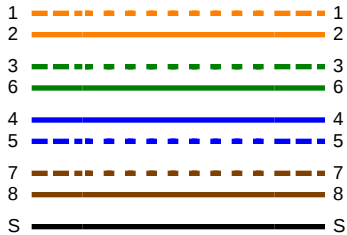
Date / Time: 02/20/2008 05:18:47pm
Headroom: 3.6 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Ch draft 8.0
Cable Type: Cat 6 FTP

Software Version: 2.0600
Limits Version: 1.2500
NVP: 70.0%

Model: DTX-1800
Main S/N: 8691087
Remote S/N: 8691088
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

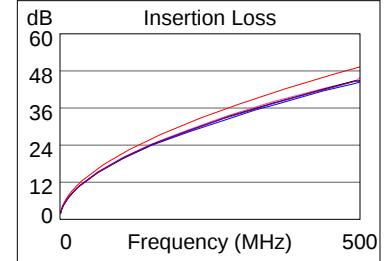
Wire Map (T568B)

PASS

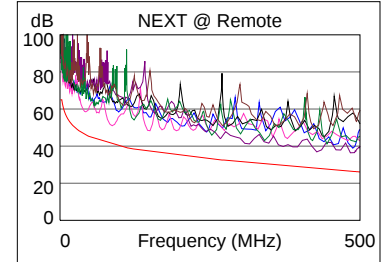
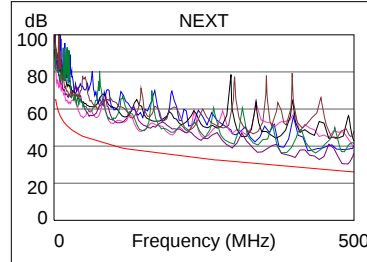


Length (ft), Limit 328 [Pair 12] 290
Prop. Delay (ns), Limit 555 [Pair 36] 425
Delay Skew (ns), Limit 50 [Pair 36] 4
Resistance (ohms) [Pair 45] 14.3

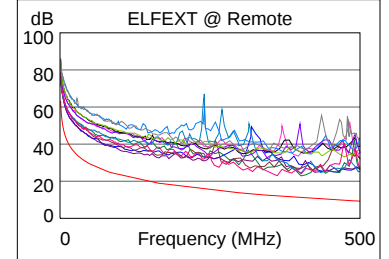
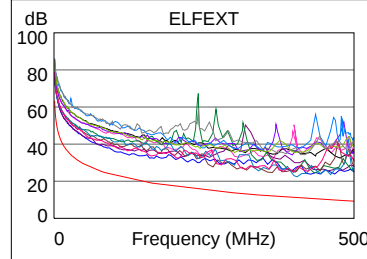
Insertion Loss Margin (dB) [Pair 36] 3.5
Frequency (MHz) [Pair 36] 500.0
Limit (dB) [Pair 36] 49.3



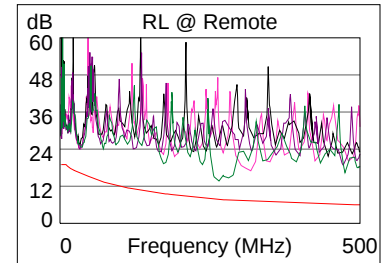
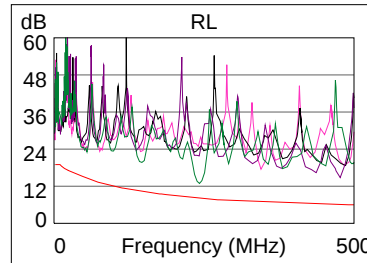
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.6	8.9	3.6	9.5
Freq. (MHz)	485.0	429.0	487.0	488.0
Limit (dB)	26.5	27.9	26.4	26.4
Worst Pair	36	36	36	36
PSNEXT (dB)	5.2	10.0	5.2	10.0
Freq. (MHz)	480.0	488.0	485.0	488.0
Limit (dB)	23.7	23.5	23.6	23.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	78-36	45-36	36-45
ELFEXT (dB)	11.1	10.9	11.1	11.5
Freq. (MHz)	1.0	362.0	403.0	405.0
Limit (dB)	63.3	12.1	11.2	11.1
Worst Pair	36	12	36	36
PSELFEXT (dB)	11.3	11.4	11.3	13.5
Freq. (MHz)	400.0	1.0	400.0	438.0
Limit (dB)	8.2	60.3	8.2	7.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	4.6	5.8	4.6	5.8
Freq. (MHz)	242.0	262.0	242.0	262.0
Limit (dB)	8.2	7.8	8.2	7.8



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive



Cable ID: LAN90M-C-TMAF-CH-4

Test Summary: PASS

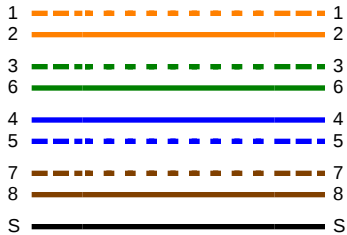
Date / Time: 02/20/2008 05:19:30pm
Headroom: 2.5 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Ch draft 8.0
Cable Type: Cat 6 FTP

Software Version: 2.0600
Limits Version: 1.2500
NVP: 70.0%

Model: DTX-1800
Main S/N: 8691087
Remote S/N: 8691088
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

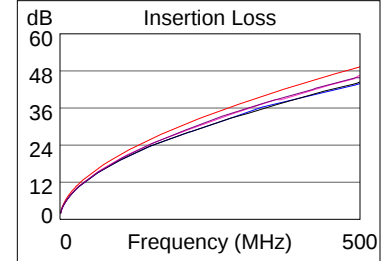
Wire Map (T568B)

PASS

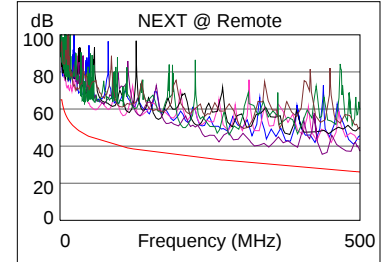
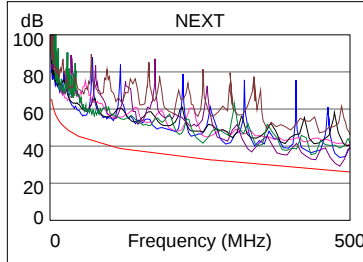


Length (ft), Limit 328 [Pair 12] 291
Prop. Delay (ns), Limit 555 [Pair 36] 427
Delay Skew (ns), Limit 50 [Pair 36] 5
Resistance (ohms) [Pair 12] 14.5

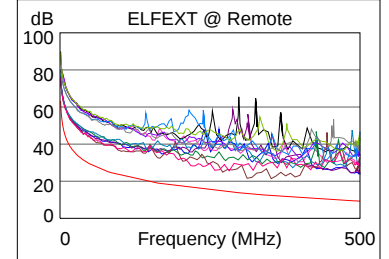
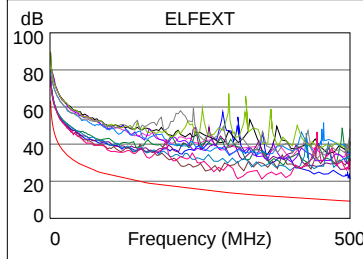
Insertion Loss Margin (dB) [Pair 36] 2.8
Frequency (MHz) [Pair 36] 500.0
Limit (dB) [Pair 36] 49.3



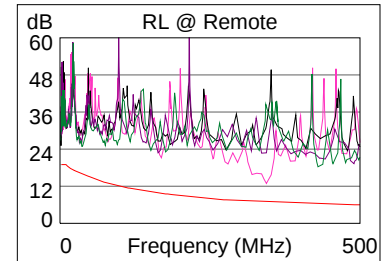
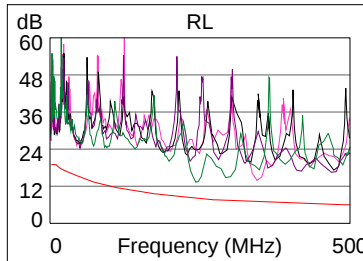
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.5	7.7	2.5	7.7
Freq. (MHz)	480.0	439.0	480.0	439.0
Limit (dB)	26.6	27.6	26.6	27.6
Worst Pair	36	36	36	45
PSNEXT (dB)	4.0	10.5	4.0	10.5
Freq. (MHz)	481.0	345.0	483.0	439.0
Limit (dB)	23.7	27.5	23.6	24.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	78-36	36-78
ELFEXT (dB)	8.0	8.0	8.4	8.6
Freq. (MHz)	314.0	314.0	355.0	355.0
Limit (dB)	13.3	13.3	12.3	12.3
Worst Pair	36	36	36	78
PSELFEXT (dB)	10.4	11.0	10.7	11.4
Freq. (MHz)	314.0	1.0	355.0	355.0
Limit (dB)	10.3	60.3	9.3	9.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
RL (dB)	5.1	6.1	5.1	6.1
Freq. (MHz)	242.5	345.0	244.0	345.0
Limit (dB)	8.2	6.6	8.1	6.6



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive



Cable ID: LAN90M-C-TMAF-CH-5

Test Summary: PASS

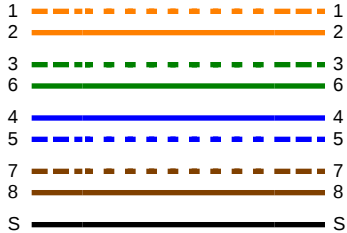
Date / Time: 02/20/2008 05:20:23pm
Headroom: 2.1 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Ch draft 8.0
Cable Type: Cat 6 FTP

Software Version: 2.0600
Limits Version: 1.2500
NVP: 70.0%

Model: DTX-1800
Main S/N: 8691087
Remote S/N: 8691088
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

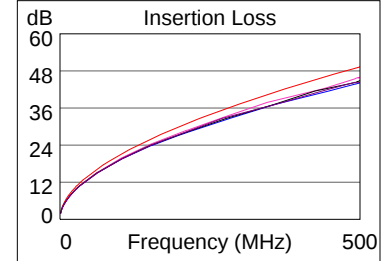
Wire Map (T568B)

PASS

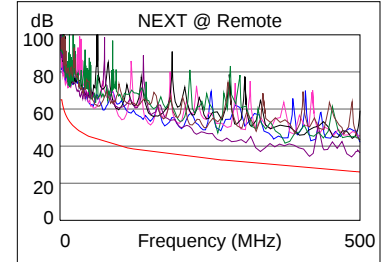
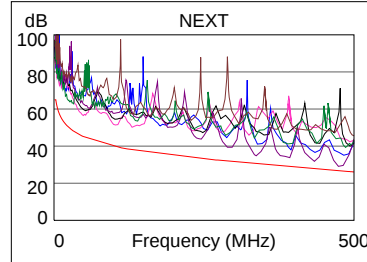


Length (ft), Limit 328 [Pair 78] 291
Prop. Delay (ns), Limit 555 [Pair 36] 427
Delay Skew (ns), Limit 50 [Pair 36] 5
Resistance (ohms) [Pair 12] 14.4

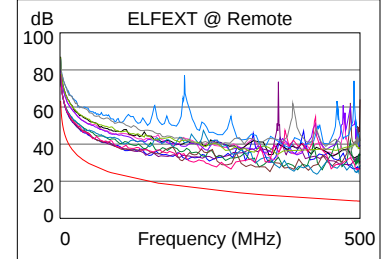
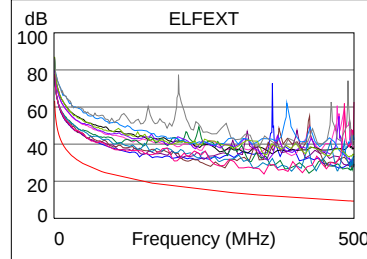
Insertion Loss Margin (dB) [Pair 36] 3.4
Frequency (MHz) [Pair 36] 499.0
Limit (dB) [Pair 36] 49.3



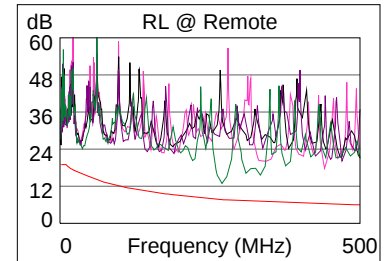
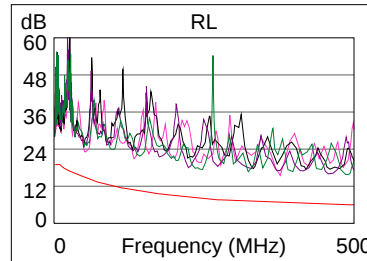
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.1*	6.1	2.1	7.4
Freq. (MHz)	476.0	332.0	476.0	484.0
Limit (dB)	26.7	30.9	26.7	26.5
Worst Pair	36	36	36	36
PSNEXT (dB)	4.2	8.5	4.2	9.9
Freq. (MHz)	476.0	416.0	476.0	484.0
Limit (dB)	23.8	25.3	23.8	23.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	78-36	36-45	45-36
ELFEXT (dB)	11.5	11.9	13.2	13.2
Freq. (MHz)	349.0	283.0	428.0	428.0
Limit (dB)	12.4	14.2	10.6	10.6
Worst Pair	36	36	36	36
PSELFEXT (dB)	12.1	12.0	14.0	16.2
Freq. (MHz)	1.0	1.0	412.0	495.0
Limit (dB)	60.3	60.3	8.0	6.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	78
RL (dB)	7.5	5.2	9.0	5.2
Freq. (MHz)	53.8	268.0	376.0	268.0
Limit (dB)	14.7	7.7	6.2	7.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-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.

LinkWare Version 3.11

Project: DEFAULT
Site: Client Name

LAN90M-C-THF-CH.flw

FLUKE
networks



Cable ID: LAN90M-C-TMAF-CH-6

Test Summary: PASS

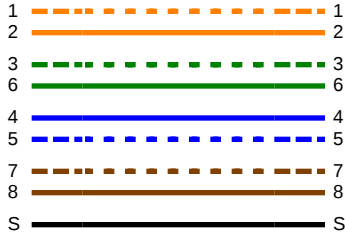
Date / Time: 02/20/2008 05:21:10pm
Headroom: 1.0 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Ch draft 8.0
Cable Type: Cat 6 FTP

Software Version: 2.0600
Limits Version: 1.2500
NVP: 70.0%

Model: DTX-1800
Main S/N: 8691087
Remote S/N: 8691088
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

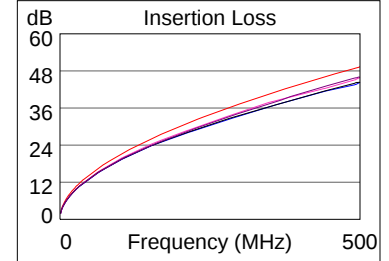
Wire Map (T568B)

PASS

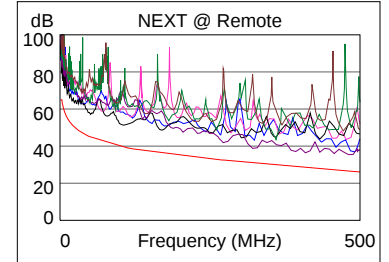
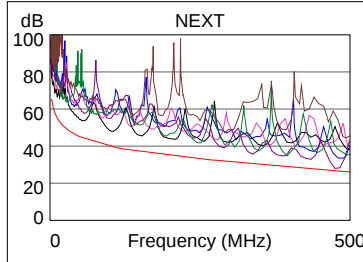


Length (ft), Limit 328 [Pair 12] 290
Prop. Delay (ns), Limit 555 [Pair 36] 425
Delay Skew (ns), Limit 50 [Pair 36] 4
Resistance (ohms) [Pair 36] 14.5

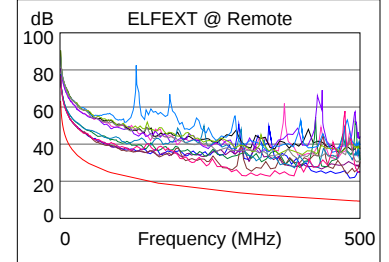
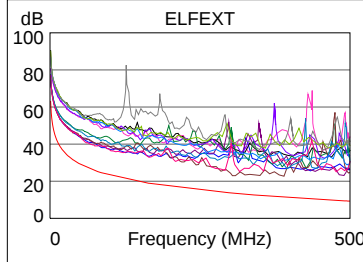
Insertion Loss Margin (dB) [Pair 78] 3.3
Frequency (MHz) [Pair 78] 500.0
Limit (dB) [Pair 78] 49.3



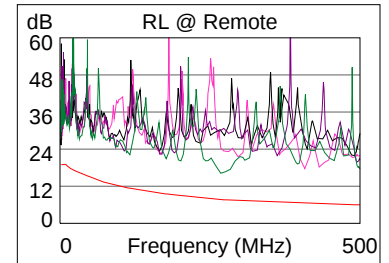
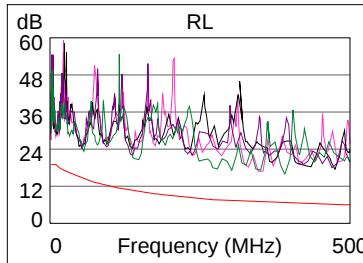
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	1.0*	6.9	1.0	8.4
Freq. (MHz)	476.0	413.0	476.0	484.0
Limit (dB)	26.7	28.4	26.7	26.5
Worst Pair	36	36	36	36
PSNEXT (dB)	2.8	8.9	2.8	9.3
Freq. (MHz)	476.0	322.0	476.0	484.0
Limit (dB)	23.8	28.2	23.8	23.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	12-36
ELFEXT (dB)	9.1	8.7	10.5	11.7
Freq. (MHz)	305.0	305.0	386.0	486.0
Limit (dB)	13.6	13.6	11.5	9.5
Worst Pair	36	36	78	36
PSELFEXT (dB)	11.3	11.0	13.0	12.0
Freq. (MHz)	1.0	1.0	386.0	388.0
Limit (dB)	60.3	60.3	8.5	8.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	78
RL (dB)	8.6	8.0	9.1	8.1
Freq. (MHz)	55.3	2.8	348.0	269.0
Limit (dB)	14.6	19.0	6.6	7.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-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.

LinkWare Version 3.11

Project: DEFAULT
Site: Client Name

LAN90M-C-THF-CH.flw



Cable ID: LAN90M-C-TMAF-CH-7

Test Summary: PASS

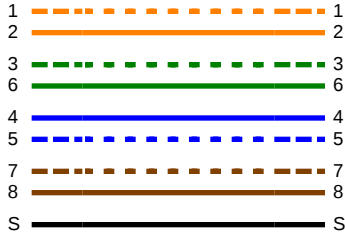
Date / Time: 02/20/2008 05:22:21pm
Headroom: 2.0 dB (NEXT 36-45)
Test Limit: TIA Cat 6A Ch draft 8.0
Cable Type: Cat 6 FTP

Software Version: 2.0600
Limits Version: 1.2500
NVP: 70.0%

Model: DTX-1800
Main S/N: 8691087
Remote S/N: 8691088
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

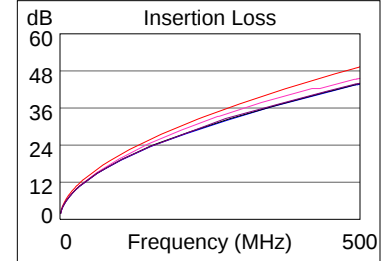
Wire Map (T568B)

PASS

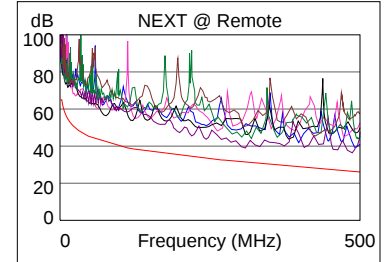
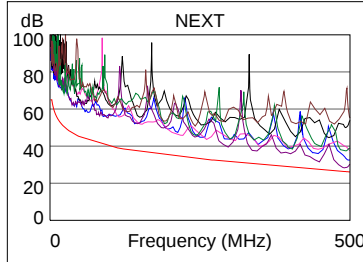


Length (ft), Limit 328 [Pair 12] 289
Prop. Delay (ns), Limit 555 [Pair 36] 424
Delay Skew (ns), Limit 50 [Pair 36] 4
Resistance (ohms) [Pair 12] 14.3

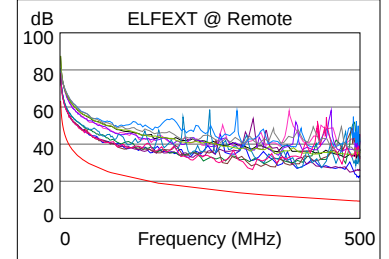
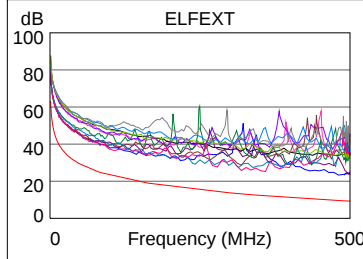
Insertion Loss Margin (dB) [Pair 36] 3.6
Frequency (MHz) [Pair 36] 500.0
Limit (dB) [Pair 36] 49.3



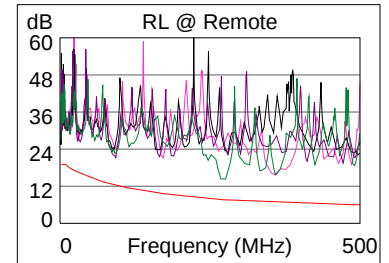
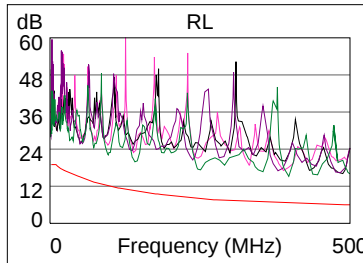
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.0*	7.2	2.0	9.5
Freq. (MHz)	489.0	307.0	490.0	484.0
Limit (dB)	26.4	31.6	26.3	26.5
Worst Pair	36	36	36	36
PSNEXT (dB)	3.4	9.1	3.4	11.8
Freq. (MHz)	494.0	305.0	494.0	487.0
Limit (dB)	23.4	28.6	23.4	23.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	12-36	12-36	12-36
ELFEXT (dB)	12.3	12.7	13.2	12.7
Freq. (MHz)	357.0	498.0	483.0	498.0
Limit (dB)	12.2	9.3	9.6	9.3
Worst Pair	36	36	36	12
PSELFEXT (dB)	12.9	12.9	15.8	15.7
Freq. (MHz)	275.0	1.0	476.0	483.0
Limit (dB)	11.5	60.3	6.7	6.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	8.8	6.5	9.2	6.5
Freq. (MHz)	143.5	271.0	398.0	271.0
Limit (dB)	10.4	7.7	6.0	7.7



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-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.

LinkWare Version 3.11

Project: DEFAULT
Site: Client Name

LAN90M-C-THF-CH.flw