

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1A.RO1.10:05	PASS	TIA Cat 6A Perm. Link	119 ft	6.6 dB (NEXT)	08/24/2022 12:21 PM
1A.RO1.10:06	PASS	TIA Cat 6A Perm. Link	120 ft	6.5 dB (NEXT)	08/24/2022 12:23 PM
1A.RO1.10:07	PASS	TIA Cat 6A Perm. Link	123 ft	7.9 dB (NEXT)	08/24/2022 12:24 PM
1A.RO1.10:08	PASS	TIA Cat 6A Perm. Link	124 ft	6.7 dB (NEXT)	08/24/2022 12:25 PM

Total Length:	486 ft
Number of Reports:	4
Number of Passing Reports:	4
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



## Cable ID: 1A.RO1.10:05

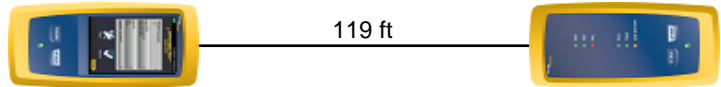
**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 08/24/2022 12:21:42 PM  
Operator: BILLY MOORE  
**Headroom 6.6 dB (NEXT 1,2-3,6)**  
Cable Type: GenSpeed 10 MTP CMP  
NVP: 67.0%

Main: Versiv  
S/N: 19140167  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 4537098

## Test Summary: PASS

Remote: Versiv  
S/N: 19140163  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000R (DSX-PLA004)  
S/N: 4537097

Length (ft), Limit 295	[Pair 1,2]	119
Prop. Delay (ns), Limit 498	[Pair 4,5]	195
Delay Skew (ns), Limit 44	[Pair 4,5]	15
Resistance (ohms)	[Pair 4,5]	6.15
Insertion Loss Margin (dB)	[Pair 4,5]	22.9
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

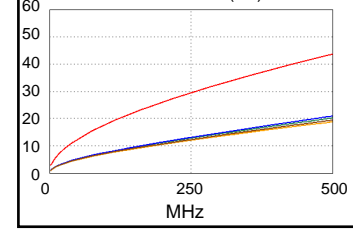


Wire Map (T568B)

**PASS**

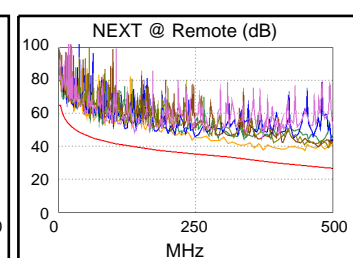
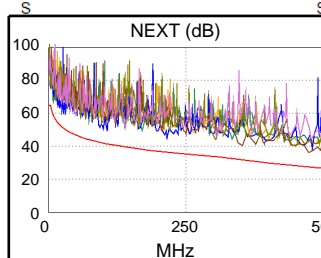


Insertion Loss (dB)

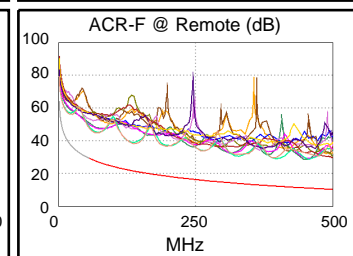
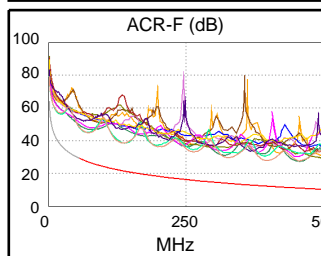


Worst Case Margin Worst Case Value

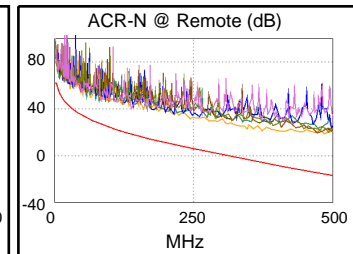
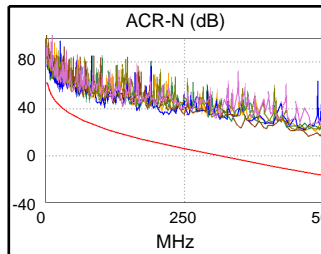
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	3,6-4,5	1,2-3,6
<b>NEXT (dB)</b>	7.8	6.6	8.9	9.3
Freq. (MHz)	8.6	346.0	473.0	449.0
Limit (dB)	58.8	31.9	27.4	28.2
Worst Pair	1,2	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	8.4	8.2	10.2	10.4
Freq. (MHz)	8.6	371.0	473.0	468.0
Limit (dB)	56.5	28.2	24.6	24.7



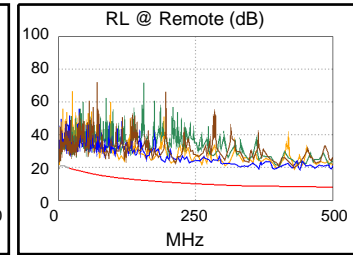
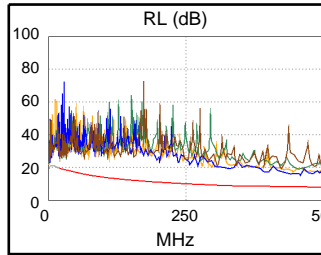
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	1,2-4,5	1,2-4,5
<b>ACR-F (dB)</b>	15.6	15.7	16.3	17.3
Freq. (MHz)	397.0	5.5	459.0	455.0
Limit (dB)	12.2	49.4	11.0	11.0
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	15.7	16.0	15.7	17.8
Freq. (MHz)	456.0	1.3	456.0	459.0
Limit (dB)	8.0	59.3	8.0	8.0



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-3,6
<b>ACR-N (dB)</b>	10.8	12.3	31.2	34.5
Freq. (MHz)	8.6	8.4	473.0	485.0
Limit (dB)	53.7	54.0	-14.9	-15.9
Worst Pair	1,2	1,2	3,6	3,6
<b>PS ACR-N (dB)</b>	11.5	13.3	34.7	35.1
Freq. (MHz)	8.6	8.6	500.0	491.0
Limit (dB)	51.4	51.4	-20.0	-19.3



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	4,5
<b>RL (dB)</b>	6.6	8.5	6.6	10.6
Freq. (MHz)	458.0	20.6	458.0	440.0
Limit (dB)	8.0	19.4	8.0	8.0



### Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



## Cable ID: 1A.RO1.10:06

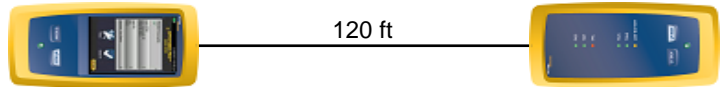
**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 08/24/2022 12:23:58 PM  
Operator: BILLY MOORE  
**Headroom 6.5 dB (NEXT 1,2-7,8)**  
Cable Type: GenSpeed 10 MTP CMP  
NVP: 67.0%

Main: Versiv  
S/N: 19140167  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 4537098

## Test Summary: PASS

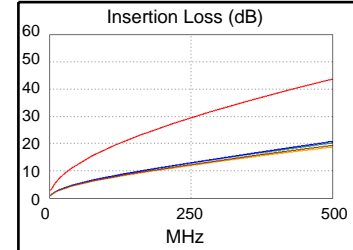
Remote: Versiv  
S/N: 19140163  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000R (DSX-PLA004)  
S/N: 4537097

Length (ft), Limit 295	[Pair 1,2]	120
Prop. Delay (ns), Limit 498	[Pair 4,5]	197
Delay Skew (ns), Limit 44	[Pair 4,5]	15
Resistance (ohms)	[Pair 4,5]	6.29
Insertion Loss Margin (dB)	[Pair 4,5]	23.1
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8



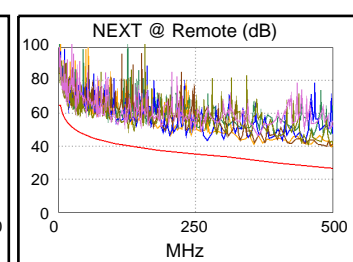
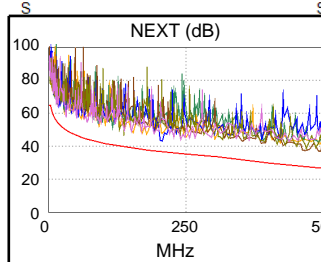
Wire Map (T568B)

**PASS**

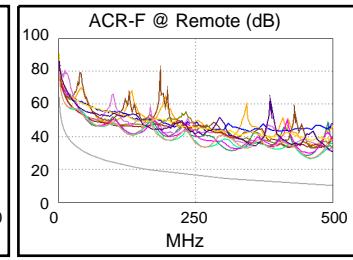
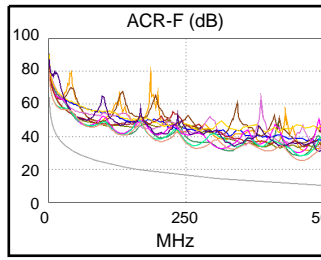


Worst Case Margin Worst Case Value

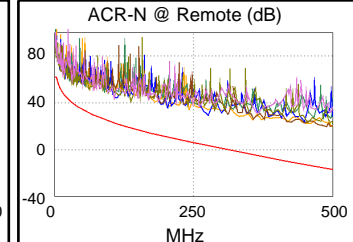
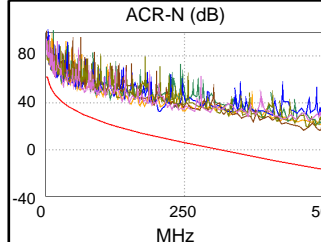
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	6.5	7.8	7.8	11.7
Freq. (MHz)	207.0	276.0	469.0	486.0
Limit (dB)	36.7	34.6	27.6	27.1
Worst Pair	1,2	1,2	3,6	3,6
<b>PS NEXT (dB)</b>	7.8	9.3	8.8	12.3
Freq. (MHz)	207.5	275.0	469.0	497.0
Limit (dB)	34.1	32.0	24.7	23.8



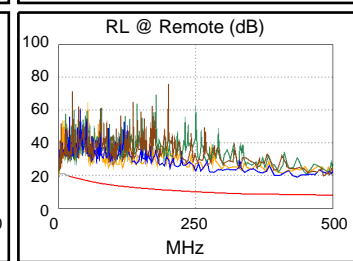
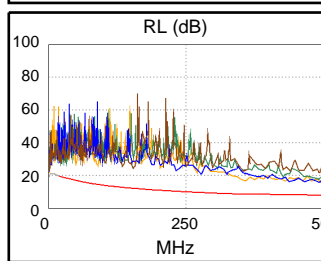
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	7,8-4,5	4,5-7,8
<b>ACR-F (dB)</b>	14.4	15.6	14.4	15.7
Freq. (MHz)	462.0	459.0	462.0	462.0
Limit (dB)	10.9	11.0	10.9	10.9
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	15.2	16.3	15.3	16.3
Freq. (MHz)	458.0	458.0	460.0	458.0
Limit (dB)	8.0	8.0	7.9	8.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-7,8	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	14.0	14.3	30.2	34.4
Freq. (MHz)	31.8	18.4	469.0	486.0
Limit (dB)	40.0	46.2	-14.6	-16.0
Worst Pair	4,5	7,8	3,6	3,6
<b>PS ACR-N (dB)</b>	14.0	14.0	31.6	35.7
Freq. (MHz)	16.8	17.5	469.0	497.0
Limit (dB)	44.8	44.3	-17.4	-19.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	4,5
<b>RL (dB)</b>	7.4	9.8	7.7	10.9
Freq. (MHz)	354.0	22.0	494.0	434.0
Limit (dB)	8.5	19.3	8.0	8.0



### Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



## Cable ID: 1A.RO1.10:07

**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 08/24/2022 12:24:34 PM  
Operator: BILLY MOORE  
**Headroom 7.9 dB (NEXT 1,2-7,8)**  
Cable Type: GenSpeed 10 MTP CMP  
NVP: 67.0%

Main: Versiv  
S/N: 19140167  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 4537098

## Test Summary: PASS

Remote: Versiv  
S/N: 19140163  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000R (DSX-PLA004)  
S/N: 4537097

Length (ft), Limit 295	[Pair 1,2]	123
Prop. Delay (ns), Limit 498	[Pair 4,5]	201
Delay Skew (ns), Limit 44	[Pair 4,5]	15
Resistance (ohms)	[Pair 4,5]	6.47
Insertion Loss Margin (dB)	[Pair 3,6]	24.0
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



123 ft



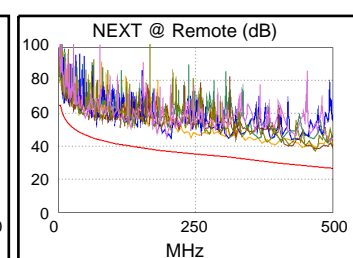
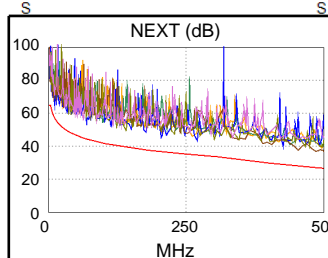
Wire Map (T568B)

**PASS**

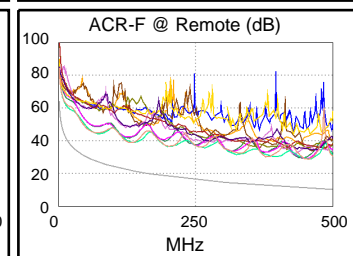
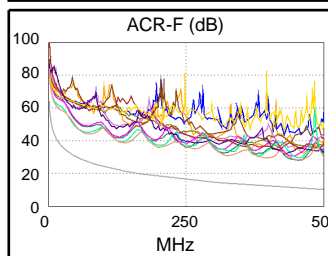


Worst Case Margin Worst Case Value

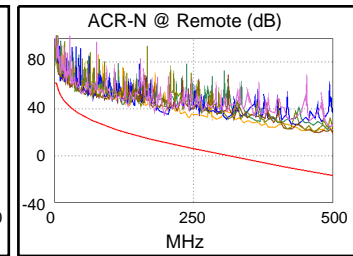
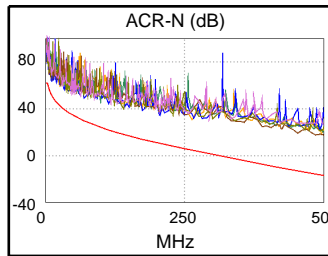
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-7,8
<b>NEXT (dB)</b>	7.9	8.0	10.0	9.6
Freq. (MHz)	10.6	205.0	500.0	468.0
Limit (dB)	57.4	36.8	26.7	27.6
Worst Pair	7,8	7,8	3,6	3,6
<b>PS NEXT (dB)</b>	8.4	8.4	10.1	9.0
Freq. (MHz)	205.0	197.5	496.0	468.0
Limit (dB)	34.1	34.4	23.9	24.7



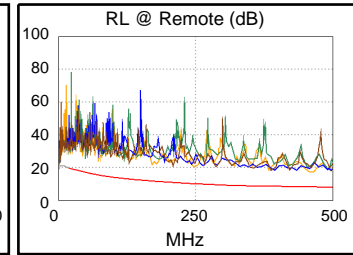
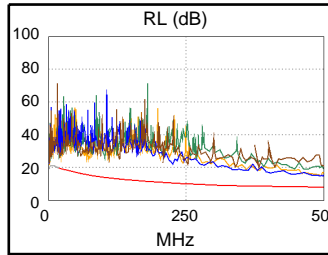
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	7,8-4,5	1,2-4,5	7,8-4,5
<b>ACR-F (dB)</b>	16.6	16.9	16.6	17.5
Freq. (MHz)	451.0	128.0	451.0	452.0
Limit (dB)	11.1	22.0	11.1	11.1
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	16.7	17.7	16.7	17.7
Freq. (MHz)	459.0	452.0	459.0	452.0
Limit (dB)	8.0	8.1	8.0	8.1



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	11.3	11.6	34.0	36.0
Freq. (MHz)	10.6	10.4	500.0	500.0
Limit (dB)	51.7	52.0	-17.1	-17.1
Worst Pair	7,8	7,8	3,6	3,6
<b>PS ACR-N (dB)</b>	12.2	12.5	34.0	32.0
Freq. (MHz)	10.6	10.5	496.0	468.0
Limit (dB)	49.4	49.5	-19.7	-17.3



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	1,2
<b>RL (dB)</b>	6.4	9.0	6.4	9.0
Freq. (MHz)	487.0	460.0	487.0	460.0
Limit (dB)	8.0	8.0	8.0	8.0



### Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



## Cable ID: 1A.RO1.10:08

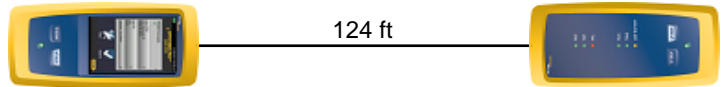
**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 08/24/2022 12:25:08 PM  
Operator: BILLY MOORE  
**Headroom 6.7 dB (NEXT 1,2-3,6)**  
Cable Type: GenSpeed 10 MTP CMP  
NVP: 67.0%

Main: Versiv  
S/N: 19140167  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 4537098

## Test Summary: PASS

Remote: Versiv  
S/N: 19140163  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000R (DSX-PLA004)  
S/N: 4537097

Length (ft), Limit 295	[Pair 1,2]	124
Prop. Delay (ns), Limit 498	[Pair 4,5]	203
Delay Skew (ns), Limit 44	[Pair 4,5]	15
Resistance (ohms)	[Pair 4,5]	6.54
Insertion Loss Margin (dB)	[Pair 4,5]	23.9
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

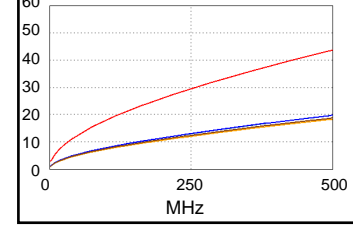


Wire Map (T568B)

**PASS**

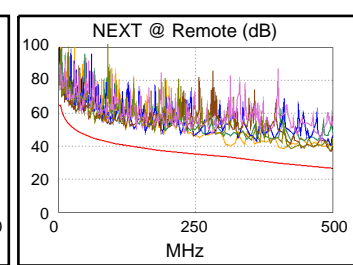
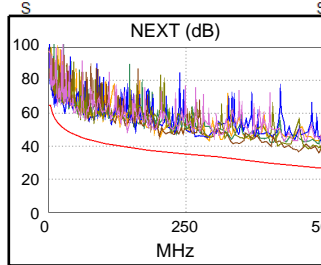


Insertion Loss (dB)

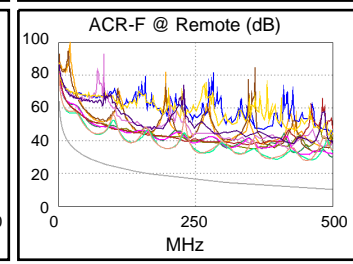
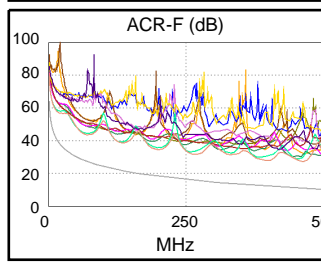


Worst Case Margin Worst Case Value

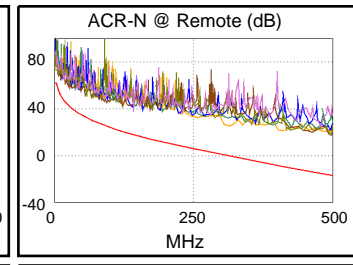
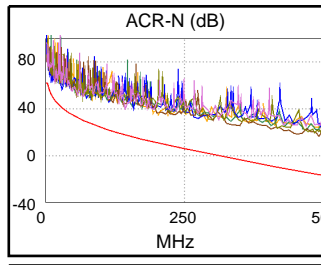
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	8.0	6.7	8.9	10.2
Freq. (MHz)	10.4	315.0	490.0	496.0
Limit (dB)	57.6	33.3	26.9	26.8
Worst Pair	3,6	1,2	3,6	3,6
<b>PS NEXT (dB)</b>	8.3	8.5	9.5	9.5
Freq. (MHz)	291.0	314.0	490.0	495.0
Limit (dB)	31.6	30.7	24.1	23.9



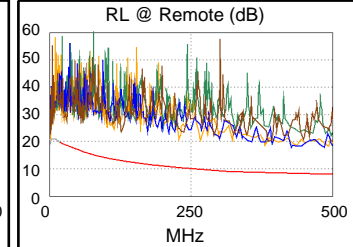
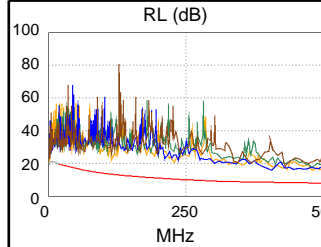
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	7,8-4,5	7,8-4,5
<b>ACR-F (dB)</b>	15.6	15.8	16.4	16.9
Freq. (MHz)	399.0	5.5	465.0	454.0
Limit (dB)	12.2	49.4	10.8	11.0
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	17.1	17.0	17.5	18.7
Freq. (MHz)	2.0	1.3	459.0	458.0
Limit (dB)	55.2	59.3	8.0	8.0



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	11.3	13.0	32.6	34.1
Freq. (MHz)	10.4	5.6	490.0	496.0
Limit (dB)	52.0	57.6	-16.3	-16.8
Worst Pair	1,2	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	12.3	12.9	33.3	33.3
Freq. (MHz)	10.1	6.4	490.0	495.0
Limit (dB)	49.8	54.2	-19.2	-19.6



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	4,5
<b>RL (dB)</b>	7.6	8.6	7.6	9.7
Freq. (MHz)	479.0	25.8	479.0	482.0
Limit (dB)	8.0	18.9	8.0	8.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	