



**Cable ID: 12**

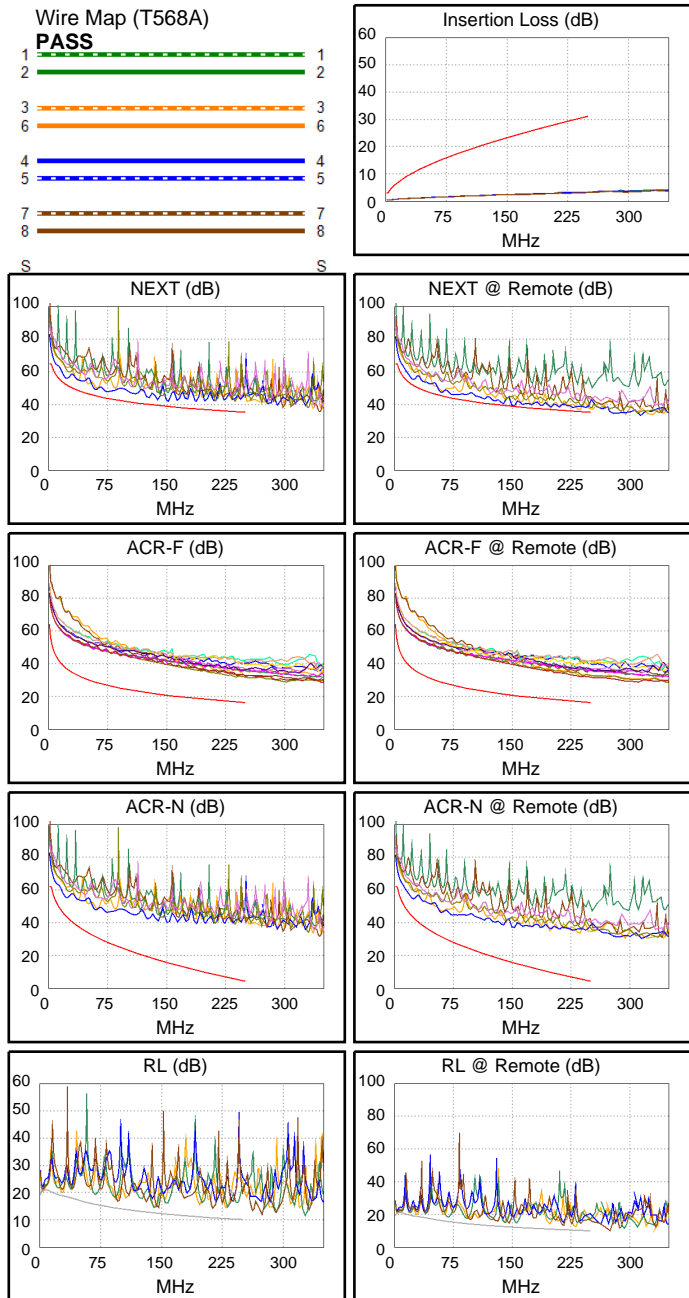
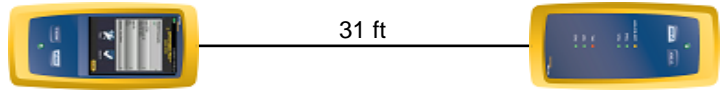
Date / Time: 09/01/2017 08:48:33 PM  
**Headroom 0.0 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Operator: CLEBER  
 Software Version: V3.0 Build 6  
 Limits Version: V3.0  
 Calibration Date:  
 Main (Module): 06/06/2013  
 Remote (Module): 06/04/2013

**Test Summary: PASS**

Model: DSX-5000  
 Main S/N: 2420012  
 Remote S/N: 2420016  
 Main Adapter: DSX-PLA004  
 Remote Adapter: DSX-PLA004

Length (ft), Limit 295	[Pair 36]	31
Prop. Delay (ns), Limit 498	[Pair 45]	47
Delay Skew (ns), Limit 44	[Pair 45]	2
Resistance (ohms)	[Pair 12]	2.0
Insertion Loss Margin (dB)	[Pair 36]	26.6
Frequency (MHz)	[Pair 36]	233.5
Limit (dB)	[Pair 36]	29.9



**Worst Case Margin Worst Case Value**

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-36
<b>NEXT (dB)</b>	3.2	0.0*	4.5	0.9
Freq. (MHz)	152.0	152.0	188.0	235.5
Limit (dB)	38.9	38.9	37.4	35.8
Worst Pair	12	12	78	36
<b>PS NEXT (dB)</b>	3.7	0.8*	4.9	1.8
Freq. (MHz)	61.3	199.0	211.5	250.0
Limit (dB)	42.8	34.4	33.9	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	15.1	15.0	15.5	15.4
Freq. (MHz)	238.0	238.0	250.0	250.0
Limit (dB)	16.7	16.7	16.2	16.2
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	16.3	15.1	16.6	15.1
Freq. (MHz)	242.5	250.0	250.0	250.0
Limit (dB)	13.5	13.2	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-78	12-36
<b>ACR-N (dB)</b>	10.7	10.4	33.6	27.8
Freq. (MHz)	6.3	5.8	237.0	235.5
Limit (dB)	56.7	57.4	5.6	5.7
Worst Pair	12	12	78	36
<b>PS ACR-N (dB)</b>	11.3	11.3	32.8	29.7
Freq. (MHz)	6.1	5.8	235.5	250.0
Limit (dB)	54.5	55.1	3.1	1.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	12
<b>RL (dB)</b>	3.2	1.8	3.2	1.8
Freq. (MHz)	214.0	230.5	214.0	230.5
Limit (dB)	10.7	10.4	10.7	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.