



**Cable ID: 7**

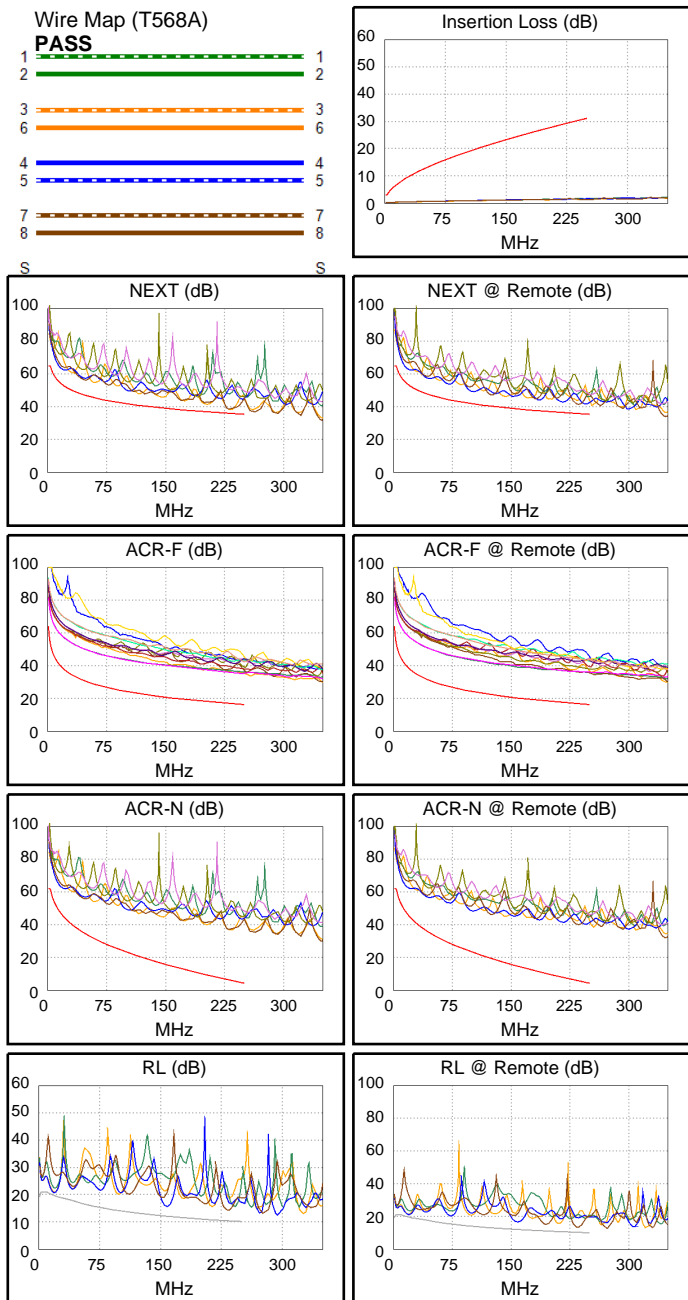
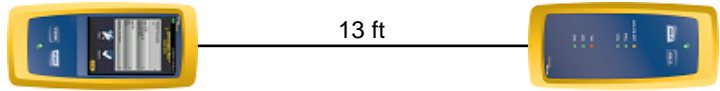
Date / Time: 09/01/2017 08:37:36 PM  
**Headroom 2.3 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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 12]	13
Prop. Delay (ns), Limit 498	[Pair 12]	19
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)	[Pair 36]	1.3
Insertion Loss Margin (dB)	[Pair 36]	28.9
Frequency (MHz)	[Pair 36]	242.5
Limit (dB)	[Pair 36]	30.6



**Worst Case Margin Worst Case Value**

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	36-45
<b>NEXT (dB)</b>	2.3	5.7	2.3	5.7
Freq. (MHz)	234.0	236.5	234.0	236.5
Limit (dB)	35.8	35.7	35.8	35.7
Worst Pair	36	36	36	12
<b>PS NEXT (dB)</b>	2.1	6.2	2.2	6.3
Freq. (MHz)	231.5	235.0	232.0	250.0
Limit (dB)	33.3	33.2	33.2	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
<b>ACR-F (dB)</b>	18.8	18.6	18.9	18.7
Freq. (MHz)	246.5	246.5	247.5	247.5
Limit (dB)	16.4	16.4	16.3	16.3
Worst Pair	45	12	12	12
<b>PS ACR-F (dB)</b>	19.4	19.0	19.7	19.0
Freq. (MHz)	1.1	250.0	250.0	250.0
Limit (dB)	60.2	13.2	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	36-45
<b>ACR-N (dB)</b>	15.9	15.7	30.7	34.4
Freq. (MHz)	13.0	13.4	234.0	236.5
Limit (dB)	49.7	49.4	5.9	5.6
Worst Pair	12	12	36	12
<b>PS ACR-N (dB)</b>	17.1	17.2	30.4	36.1
Freq. (MHz)	4.1	6.4	232.0	250.0
Limit (dB)	58.0	54.2	3.5	1.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	78	78
<b>RL (dB)</b>	1.0	1.5	3.8	3.2
Freq. (MHz)	18.5	18.5	233.5	235.5
Limit (dB)	19.7	19.7	10.3	10.3

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