



**Cable ID: 17**

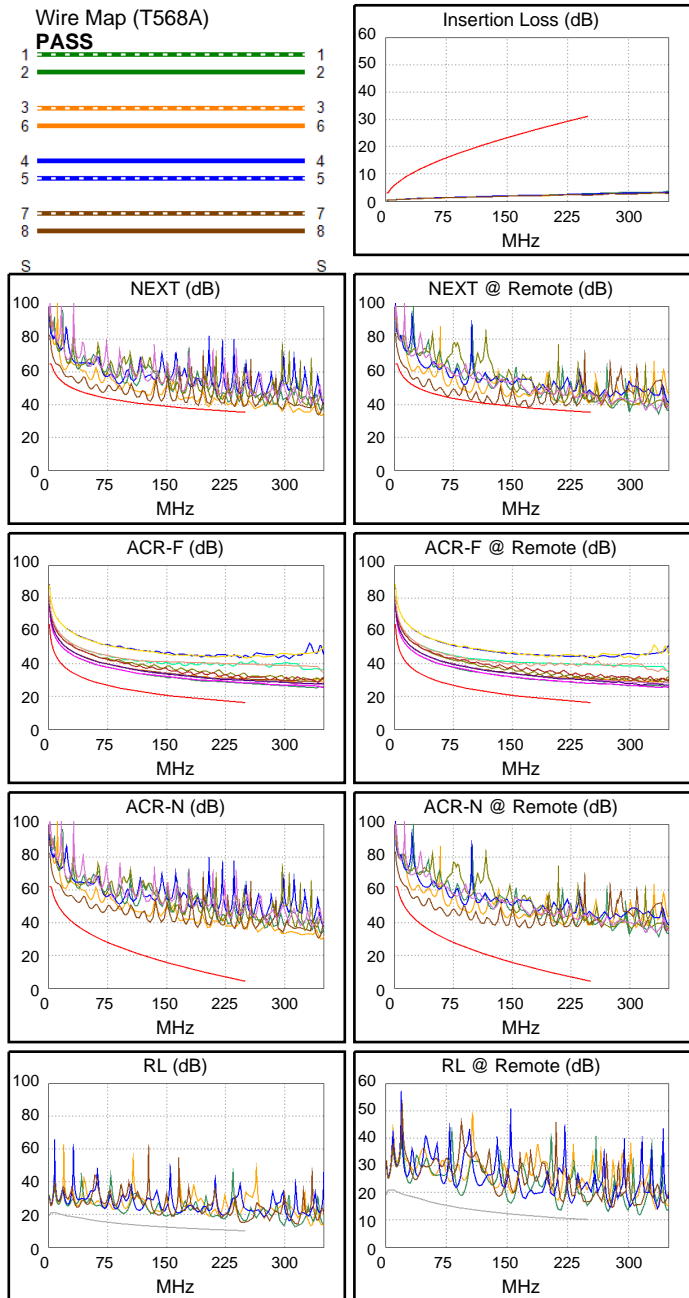
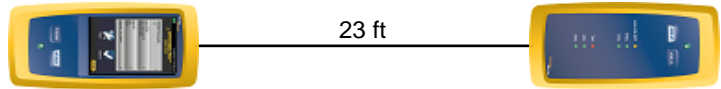
Date / Time: 09/01/2017 09:00:51 PM  
**Headroom 0.0 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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]	23
Prop. Delay (ns), Limit 498	[Pair 45]	35
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 12]	1.4
Insertion Loss Margin (dB)	[Pair 36]	28.3
Frequency (MHz)	[Pair 36]	249.5
Limit (dB)	[Pair 36]	31.1



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
<b>NEXT (dB)</b>	1.9	0.0*	3.2	0.5
Freq. (MHz)	128.5	127.5	250.0	171.5
Limit (dB)	40.1	40.1	35.3	38.0
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	1.9	1.4	2.9	2.3
Freq. (MHz)	204.0	112.5	250.0	217.5
Limit (dB)	34.2	38.5	32.7	33.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	45-12
<b>ACR-F (dB)</b>	10.4	10.3	11.1	11.5
Freq. (MHz)	3.3	3.3	249.0	249.0
Limit (dB)	54.0	54.0	16.3	16.3
Worst Pair	12	12	36	36
<b>PS ACR-F (dB)</b>	11.1	11.2	12.2	12.5
Freq. (MHz)	1.1	1.3	249.0	250.0
Limit (dB)	60.2	59.3	13.3	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
<b>ACR-N (dB)</b>	11.0	11.2	31.6	23.5
Freq. (MHz)	6.8	6.4	250.0	171.5
Limit (dB)	56.0	56.5	4.2	13.0
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.9	12.5	31.3	28.5
Freq. (MHz)	6.5	22.3	250.0	217.5
Limit (dB)	54.0	41.6	1.6	5.0

N/A	MAIN	SR	MAIN	SR
Worst Pair	78	36	78	36
<b>RL (dB)</b>	4.5	2.6	4.9	2.6
Freq. (MHz)	3.3	216.0	247.0	216.0
Limit (dB)	21.0	10.7	10.1	10.7

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.