



**Cable ID: 22**

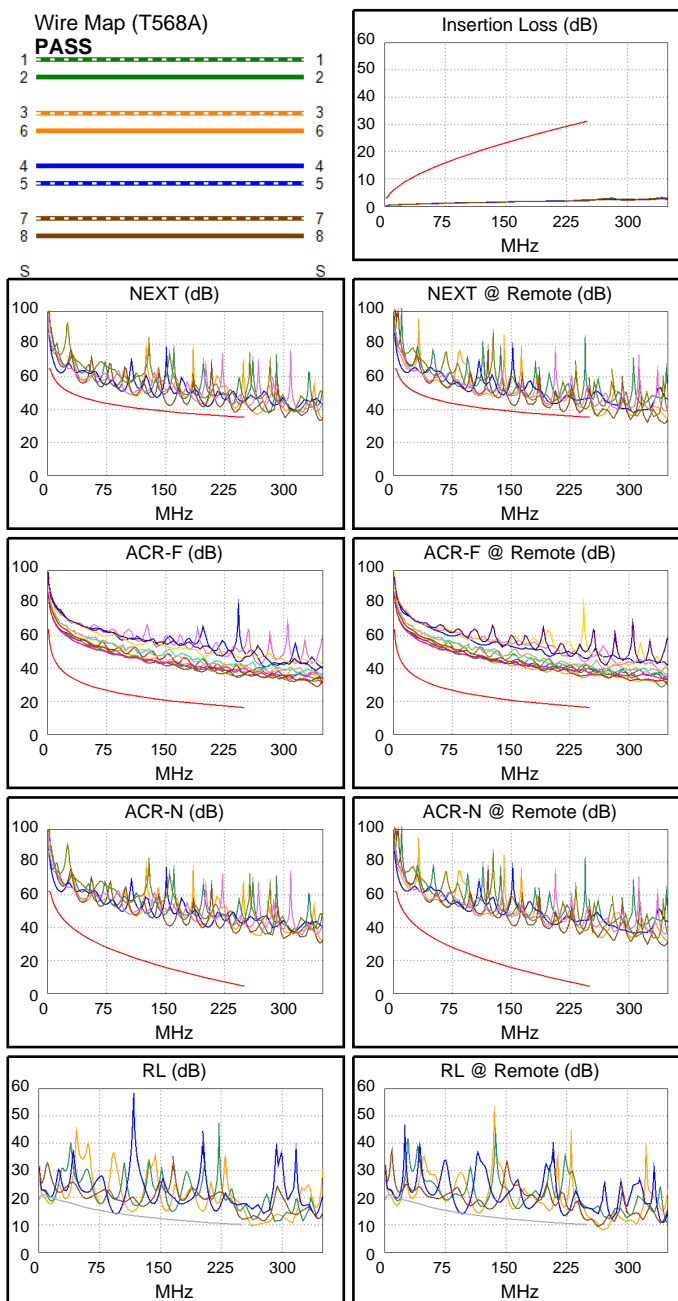
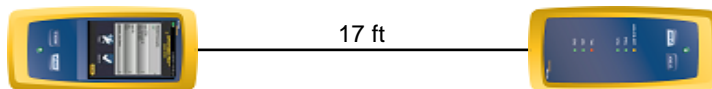
Date / Time: 09/15/2017 06:46:40 PM  
**Headroom 2.3 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

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 12]	17
Prop. Delay (ns), Limit 498	[Pair 45]	25
Delay Skew (ns), Limit 44	[Pair 12]	0
Resistance (ohms)	[Pair 36]	1.2
Insertion Loss Margin (dB)	[Pair 78]	28.7
Frequency (MHz)	[Pair 78]	248.0
Limit (dB)	[Pair 78]	31.0



	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	2.9	2.3	3.0	2.4
Freq. (MHz)	239.0	216.5	239.5	237.5
Limit (dB)	35.7	36.4	35.6	35.7
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	3.1	1.7	3.1	1.7
Freq. (MHz)	239.5	238.5	239.5	238.5
Limit (dB)	33.0	33.0	33.0	33.0
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	36-12	12-36
<b>ACR-F (dB)</b>	18.2	17.9	18.2	17.9
Freq. (MHz)	242.5	243.5	242.5	243.5
Limit (dB)	16.5	16.5	16.5	16.5
Worst Pair	12	36	12	36
<b>PS ACR-F (dB)</b>	19.4	18.4	19.5	18.4
Freq. (MHz)	240.0	243.0	241.5	243.0
Limit (dB)	13.6	13.5	13.5	13.5
<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
<b>ACR-N (dB)</b>	13.4	13.0	31.2	30.6
Freq. (MHz)	12.5	10.0	239.5	237.5
Limit (dB)	50.1	52.3	5.3	5.5
Worst Pair	12	12	36	36
<b>PS ACR-N (dB)</b>	14.6	13.9	31.4	29.9
Freq. (MHz)	5.5	4.0	239.5	238.5
Limit (dB)	55.5	58.3	2.7	2.8
<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	78
<b>RL (dB)</b>	-2.6	-3.1	2.1	1.6
Freq. (MHz)	14.1	14.8	250.0	250.0
Limit (dB)	20.3	20.2	10.0	10.0

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