



Cable ID: 14

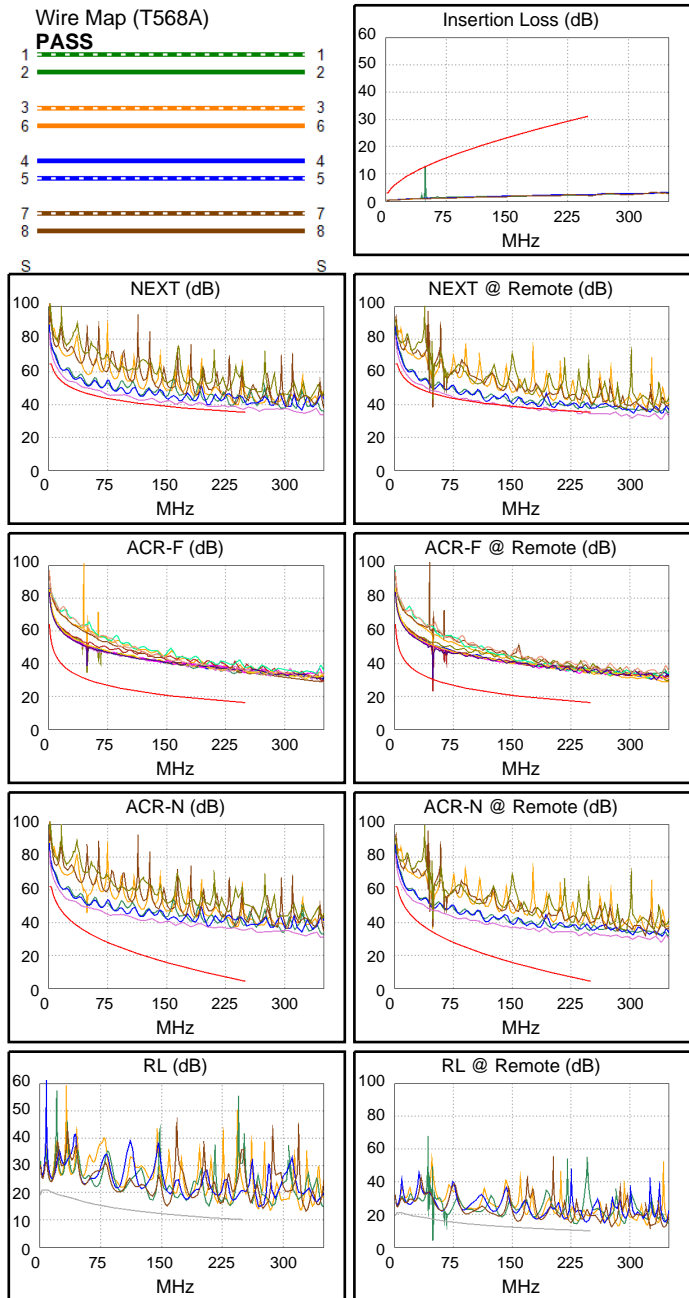
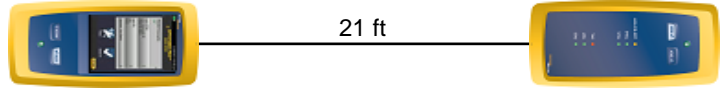
Date / Time: 09/01/2017 08:53:11 PM
Headroom -8.1 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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: FAIL

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]	21
Prop. Delay (ns), Limit 498	[Pair 45]	32
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 12]	1.8
Insertion Loss Margin (dB)	[Pair 36]	0.1*
Frequency (MHz)	[Pair 36]	48.5
Limit (dB)	[Pair 36]	12.6



	Worst Case Margin		Worst Case Value	
FAIL	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-45	45-78	45-78
NEXT (dB)	1.8	-8.1 F	2.0	-1.4
Freq. (MHz)	180.5	48.8	249.5	250.0
Limit (dB)	37.7	46.9	35.4	35.3
Worst Pair	45	36	45	45
PS NEXT (dB)	2.0	-7.0 F	2.1	-0.8
Freq. (MHz)	235.0	48.8	236.0	250.0
Limit (dB)	33.2	44.4	33.1	32.7
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	12-45	45-36
ACR-F (dB)	4.3	-7.1 F	17.3	-7.1
Freq. (MHz)	49.0	49.0	236.0	49.0
Limit (dB)	30.4	30.4	16.7	30.4
Worst Pair	45	36	12	36
PS ACR-F (dB)	7.2	-4.8 F	16.8	-4.8
Freq. (MHz)	49.0	48.8	250.0	48.8
Limit (dB)	27.4	27.4	13.2	27.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-36	45-78	45-78
ACR-N (dB)	10.0	3.1	31.1	27.7
Freq. (MHz)	4.9	48.5	249.5	250.0
Limit (dB)	58.9	34.3	4.3	4.2
Worst Pair	45	36	45	36
PS ACR-N (dB)	10.4	-7.0	31.3	-7.0
Freq. (MHz)	4.0	48.5	250.0	48.5
Limit (dB)	58.3	31.9	1.6	31.9
FAIL	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	36
RL (dB)	13.2	-12.7 F	3.1	-12.7
Freq. (MHz)	49.5	48.8	157.5	48.8
Limit (dB)	17.1	17.1	12.0	17.1

* Measurement is within the accuracy limits of the instrument.