



Cable ID: 45

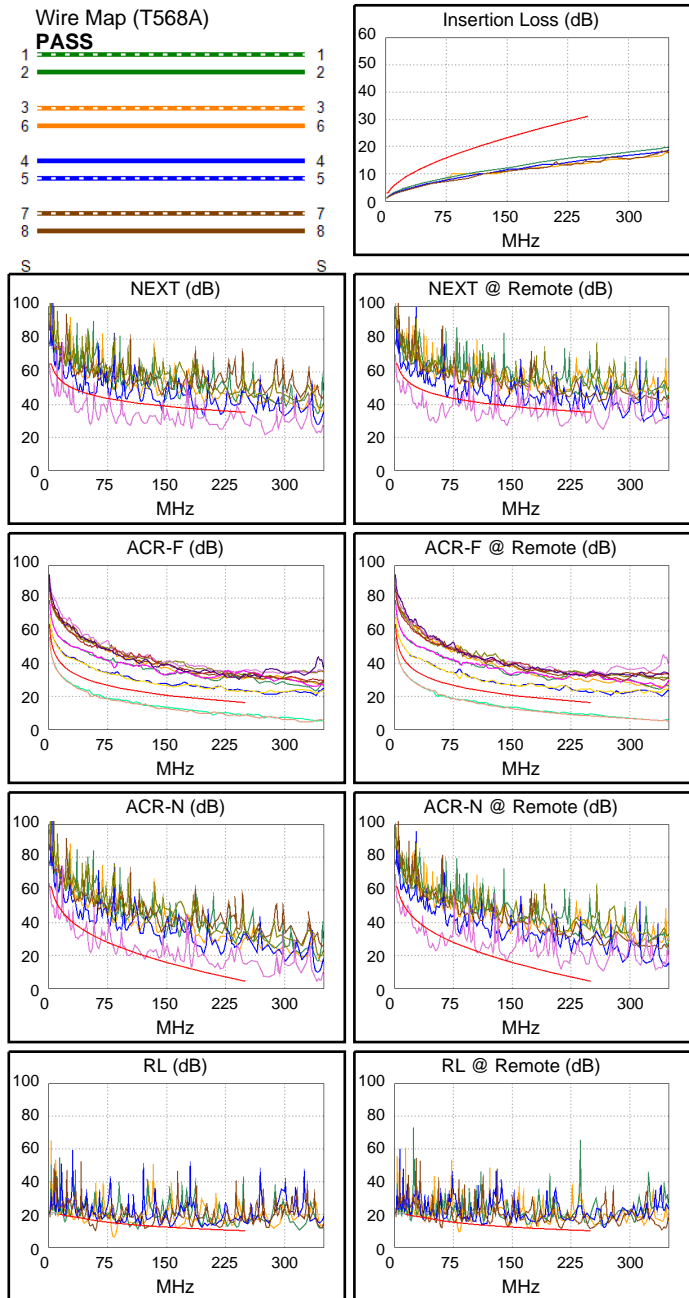
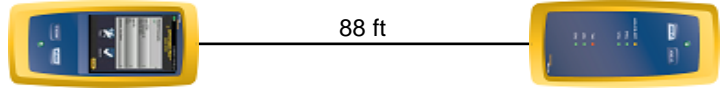
Date / Time: 09/15/2017 07:41:36 PM
Headroom -18.4 dB (NEXT 45-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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: 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 45]	88
Prop. Delay (ns), Limit 498	[Pair 36]	133
Delay Skew (ns), Limit 44	[Pair 36]	3
Resistance (ohms)	[Pair 36]	12.9
Insertion Loss Margin (dB)	[Pair 36]	14.0
Frequency (MHz)	[Pair 36]	242.0
Limit (dB)	[Pair 36]	30.5



	Worst Case Margin		Worst Case Value	
FAIL	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	-18.4 F	-17.3 F	-11.4	-10.8
Freq. (MHz)	53.3	52.5	219.5	212.5
Limit (dB)	46.3	46.4	36.3	36.5
Worst Pair	78	45	78	78
PS NEXT (dB)	-16.0 F	-14.8 F	-9.2	-8.4
Freq. (MHz)	53.3	52.5	219.5	212.5
Limit (dB)	43.8	43.9	33.6	33.9
FAIL	MAIN	SR	MAIN	SR
Worst Pair	78-45	45-78	78-45	78-45
ACR-F (dB)	-9.5 F	-9.4 F	-8.5	-8.3
Freq. (MHz)	55.0	54.5	243.5	246.5
Limit (dB)	29.4	29.5	16.5	16.4
Worst Pair	45	78	45	45
PS ACR-F (dB)	-6.5 F	-6.5 F	-5.5	-5.3
Freq. (MHz)	55.0	54.5	243.5	246.5
Limit (dB)	26.4	26.5	13.5	13.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	-11.5	-10.6	4.3	3.5
Freq. (MHz)	53.3	45.5	219.5	212.5
Limit (dB)	33.1	35.2	7.4	8.2
Worst Pair	45	45	78	78
PS ACR-N (dB)	-9.2	-8.4	6.4	5.9
Freq. (MHz)	8.0	45.8	219.5	212.5
Limit (dB)	52.1	32.7	4.8	5.6
FAIL	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	-8.7 F	-5.7 F	-8.7	-5.7
Freq. (MHz)	83.0	82.8	83.0	82.8
Limit (dB)	14.8	14.8	14.8	14.8