



Cable ID: 026

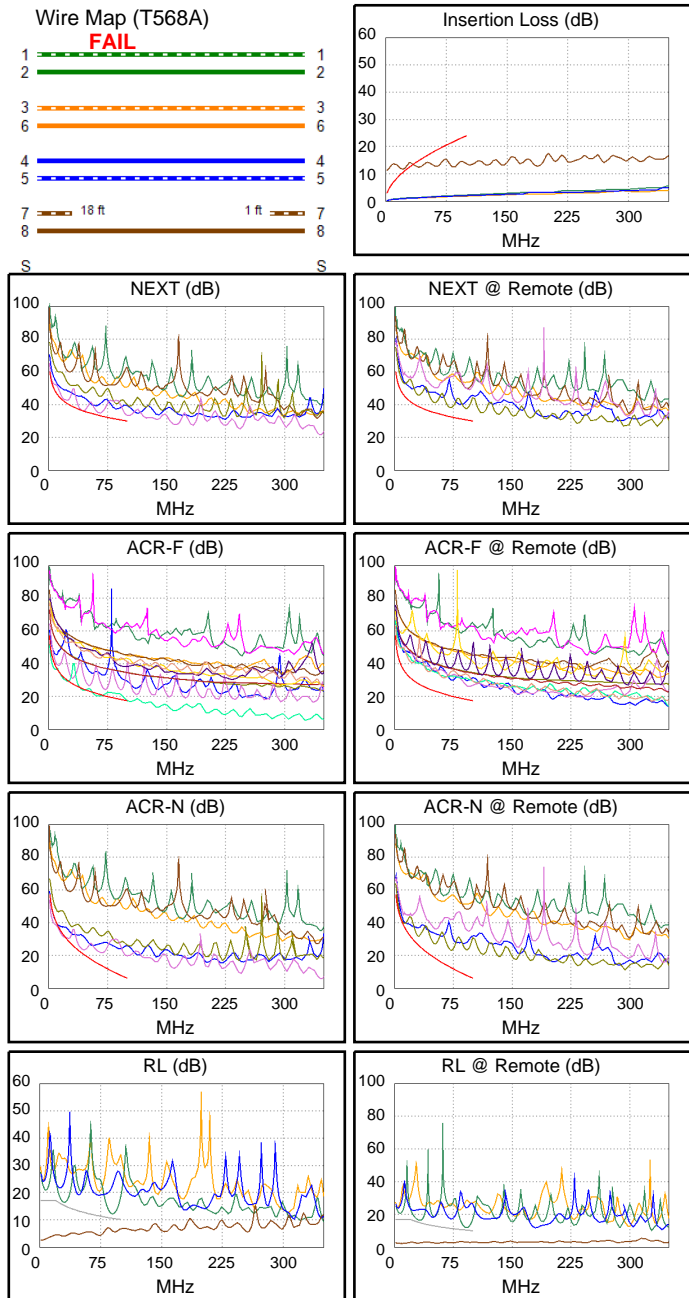
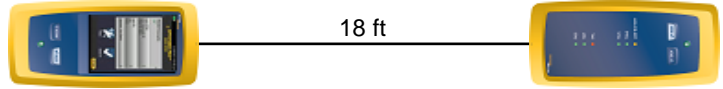
Date / Time: 05/29/2017 01:34:10 PM
Headroom -0.1 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel (+All)
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: GERALDO
 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 328	[Pair 78]	18
Prop. Delay (ns), Limit 555	[Pair 36]	27
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 78]	Open
Resist. Unbal. (ohms), Limit 0.20	[Pair 78]	... F
Insertion Loss Margin (dB)	[Pair 78]	-8.3 F
Frequency (MHz)	[Pair 78]	1.9
Limit (dB)	[Pair 78]	3.0



Worst Case Margin Worst Case Value

FAIL	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-78	45-78	36-78
NEXT (dB)	-0.1 F	5.7	3.4	7.0
Freq. (MHz)	43.0	71.8	100.0	92.3
Limit (dB)	36.4	32.6	30.1	30.7
Worst Pair	78	78	78	78
PS NEXT (dB)	2.1	7.0	4.7	8.2
Freq. (MHz)	43.0	11.9	100.0	90.8
Limit (dB)	33.4	42.8	27.1	27.8

FAIL	MAIN	SR	MAIN	SR
Worst Pair	45-78	78-45	45-78	36-78
ACR-F (dB)	-5.2 F	6.0	0.1	8.3
Freq. (MHz)	1.0	1.0	100.0	95.3
Limit (dB)	57.4	57.4	17.4	17.8
Worst Pair	78	78	78	78
PS ACR-F (dB)	-2.9 F	6.5	2.8	8.8
Freq. (MHz)	1.0	1.0	100.0	95.3
Limit (dB)	54.4	54.4	14.4	14.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-78	45-78	36-78
ACR-N (dB)	-6.8	0.5	13.7	10.8
Freq. (MHz)	2.3	8.6	100.0	72.8
Limit (dB)	54.3	41.5	6.1	12.3
Worst Pair	78	78	78	78
PS ACR-N (dB)	-4.7	1.0	15.0	17.1
Freq. (MHz)	2.3	10.5	100.0	92.3
Limit (dB)	51.3	36.4	3.1	4.7

FAIL	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	-14.5 F	-14.8 F	-14.5	-14.8
Freq. (MHz)	4.1	10.0	4.1	10.0
Limit (dB)	17.0	17.0	17.0	17.0



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Test Summary: FAIL

Model: DSX-5000
 Main S/N: 2420012
 Remote S/N: 2420016
 Main Adapter: DSX-PLA004
 Remote Adapter: DSX-PLA004

Worst Case Margin		Worst Case Value	
N/A	MAIN	SR	MAIN SR
Worst Pair			78 78
TCL (dB)			8.3 7.8
Freq. (MHz)			1.4 294.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			45-78 45-78
CDNEXT (dB)			17.7 14.7
Freq. (MHz)			1.9 341.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			36 36
CMRL (dB)			3.8 3.9
Freq. (MHz)			326.0 346.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			78 78
ELTCTL (dB)			-3.3 -7.5
Freq. (MHz)			34.0 201.0
Limit (dB)			

