



Cable ID: 039

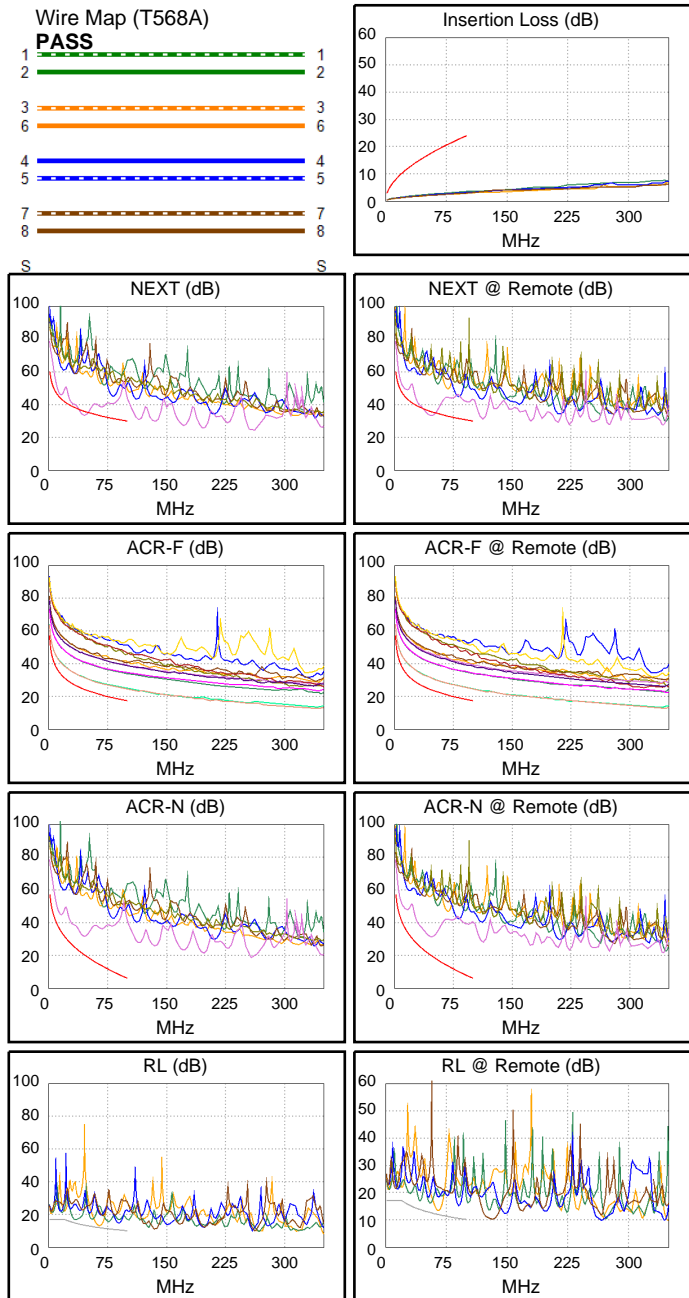
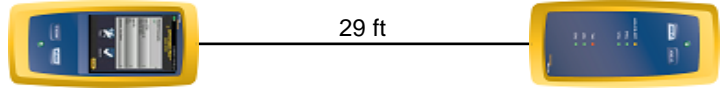
Date / Time: 05/29/2017 02:04:55 PM
Headroom -2.5 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel (+All)
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

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 12]	29
Prop. Delay (ns), Limit 555	[Pair 36]	44
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 36]	4.0
Resist. Unbal. (ohms), Limit 0.20	[Pair 78]	0.03
Insertion Loss Margin (dB)	[Pair 36]	20.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



Worst Case Margin Worst Case Value

FAIL	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	-2.5F	-2.5F	-2.2	-2.2
Freq. (MHz)	44.8	46.0	46.5	47.8
Limit (dB)	36.1	35.9	35.8	35.6
Worst Pair	45	45	45	45
PS NEXT (dB)	0.5*	0.5*	0.8	0.8
Freq. (MHz)	44.8	46.0	46.5	47.8
Limit (dB)	33.1	32.9	32.8	32.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	78-45	45-78
ACR-F (dB)	6.6	6.6	7.1	7.3
Freq. (MHz)	1.3	1.3	100.0	100.0
Limit (dB)	55.5	55.5	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.1	9.2	9.6	9.8
Freq. (MHz)	1.0	1.3	100.0	100.0
Limit (dB)	54.4	52.5	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	9.5	10.8	11.8	12.0
Freq. (MHz)	13.3	9.8	46.5	47.8
Limit (dB)	36.8	40.2	19.9	19.5
Worst Pair	45	45	45	45
PS ACR-N (dB)	12.4	13.7	14.7	15.2
Freq. (MHz)	13.3	9.4	46.5	48.5
Limit (dB)	33.8	37.6	16.9	16.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	12	12
RL (dB)	4.2	4.6	1.4	1.6
Freq. (MHz)	89.5	90.3	65.5	65.8
Limit (dB)	10.5	10.5	11.8	11.8

* Measurement is within the accuracy limits of the instrument.



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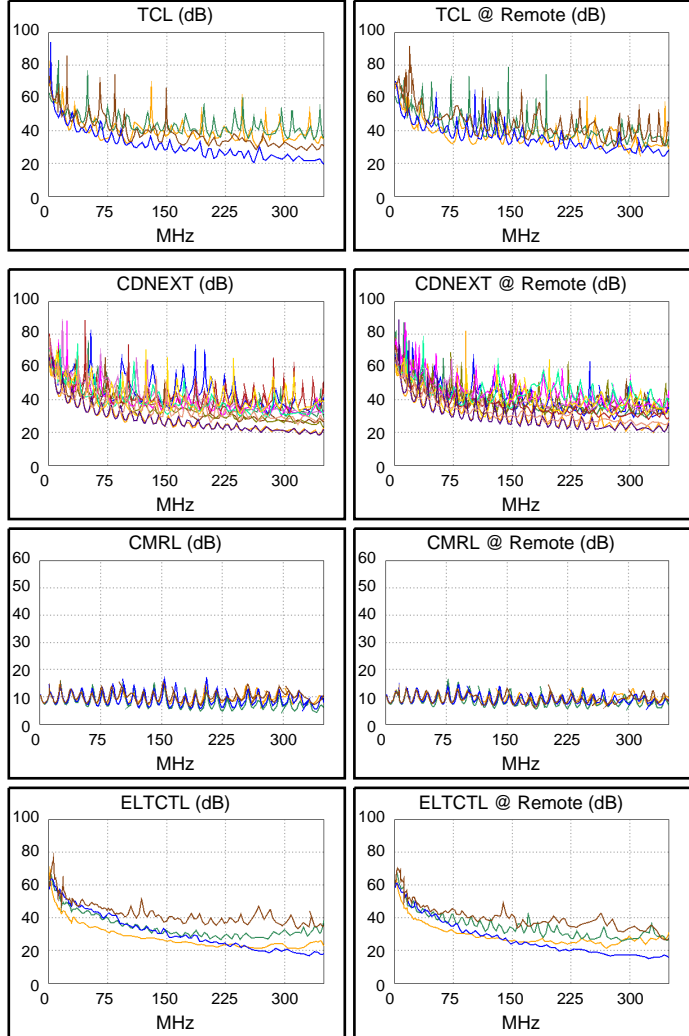
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Test Summary: FAIL

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			45 45
TCL (dB)			19.7 24.4
Freq. (MHz)			350.0 343.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			78-36 12-36
CDNEXT (dB)			18.4 19.8
Freq. (MHz)			344.0 318.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			36 36
CMRL (dB)			3.9 5.4
Freq. (MHz)			339.0 185.5
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			45 45
ELTCTL (dB)			16.6 15.0
Freq. (MHz)			330.0 324.0
Limit (dB)			



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