



Cable ID: 032

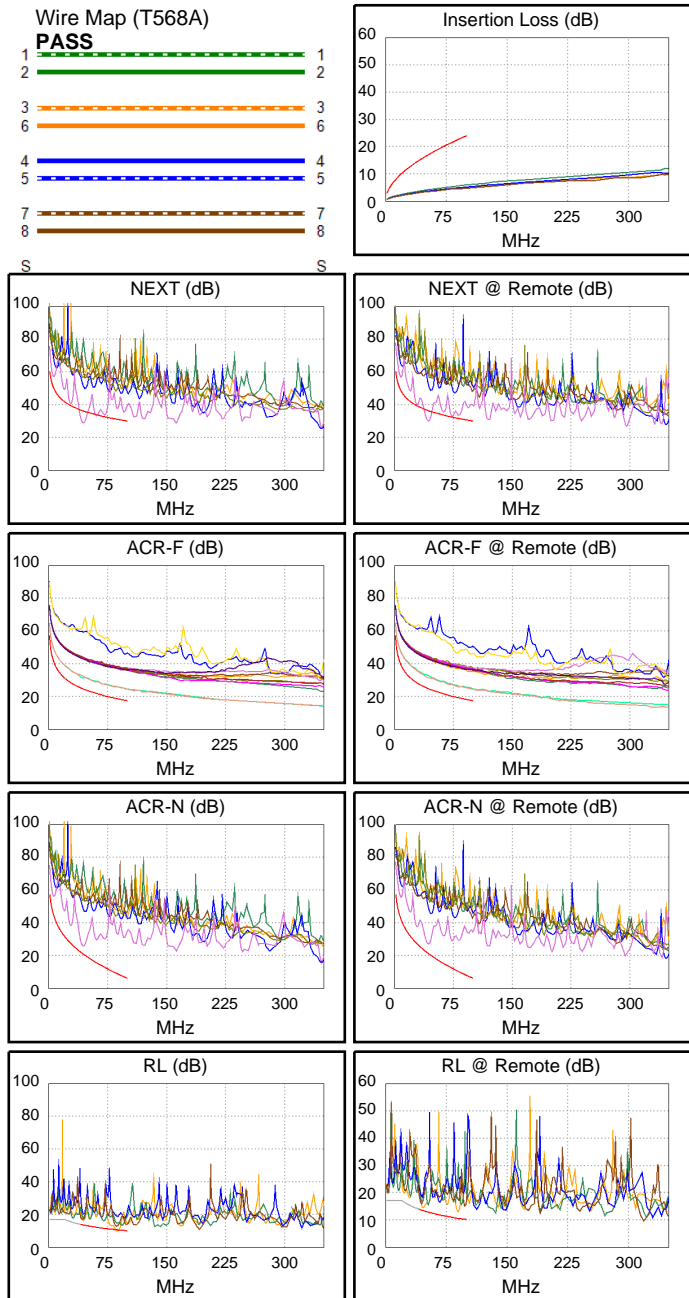
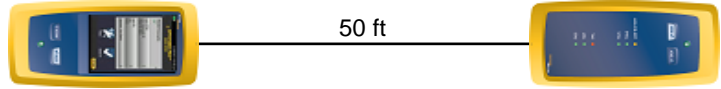
Date / Time: 05/29/2017 01:52:35 PM
Headroom -7.4 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel (+All)
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

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]	50
Prop. Delay (ns), Limit 555	[Pair 36]	74
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 36]	6.6
Resist. Unbal. (ohms), Limit 0.20	[Pair 12]	0.20
Insertion Loss Margin (dB)	[Pair 36]	18.2
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)	-7.4F	-6.3F	-7.4	-6.2
Freq. (MHz)	44.0	43.0	44.0	43.5
Limit (dB)	36.2	36.4	36.2	36.3
Worst Pair	45	45	45	45
PS NEXT (dB)	-4.4F	-3.3F	-4.4	-3.2
Freq. (MHz)	44.0	43.0	44.0	43.5
Limit (dB)	33.2	33.4	33.2	33.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	78-45	45-78	78-45
ACR-F (dB)	6.7	6.6	7.0	6.8
Freq. (MHz)	42.3	68.0	99.8	99.8
Limit (dB)	24.9	20.8	17.4	17.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	9.3	9.2	9.6	9.3
Freq. (MHz)	82.5	68.0	100.0	99.8
Limit (dB)	16.1	17.8	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	4.8	5.7	4.8	6.1
Freq. (MHz)	44.0	42.5	44.0	43.8
Limit (dB)	20.8	21.3	20.8	20.9
Worst Pair	45	45	45	45
PS ACR-N (dB)	7.6	8.6	8.0	8.8
Freq. (MHz)	43.5	42.8	44.8	43.5
Limit (dB)	18.0	18.2	17.5	18.0

FAIL	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	-0.8F	0.9	-0.8	2.5
Freq. (MHz)	88.3	46.3	88.3	89.8
Limit (dB)	10.6	13.4	10.6	10.5



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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)			21.6 24.1
Freq. (MHz)			311.0 339.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			36-45 78-36
CDNEXT (dB)			19.5 20.8
Freq. (MHz)			333.0 331.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			36 36
CMRL (dB)			5.3 5.4
Freq. (MHz)			334.0 342.0
Limit (dB)			
N/A	MAIN	SR	MAIN SR
Worst Pair			12 12
ELTCTL (dB)			19.4 19.1
Freq. (MHz)			344.0 350.0
Limit (dB)			

