



Cable ID: 30

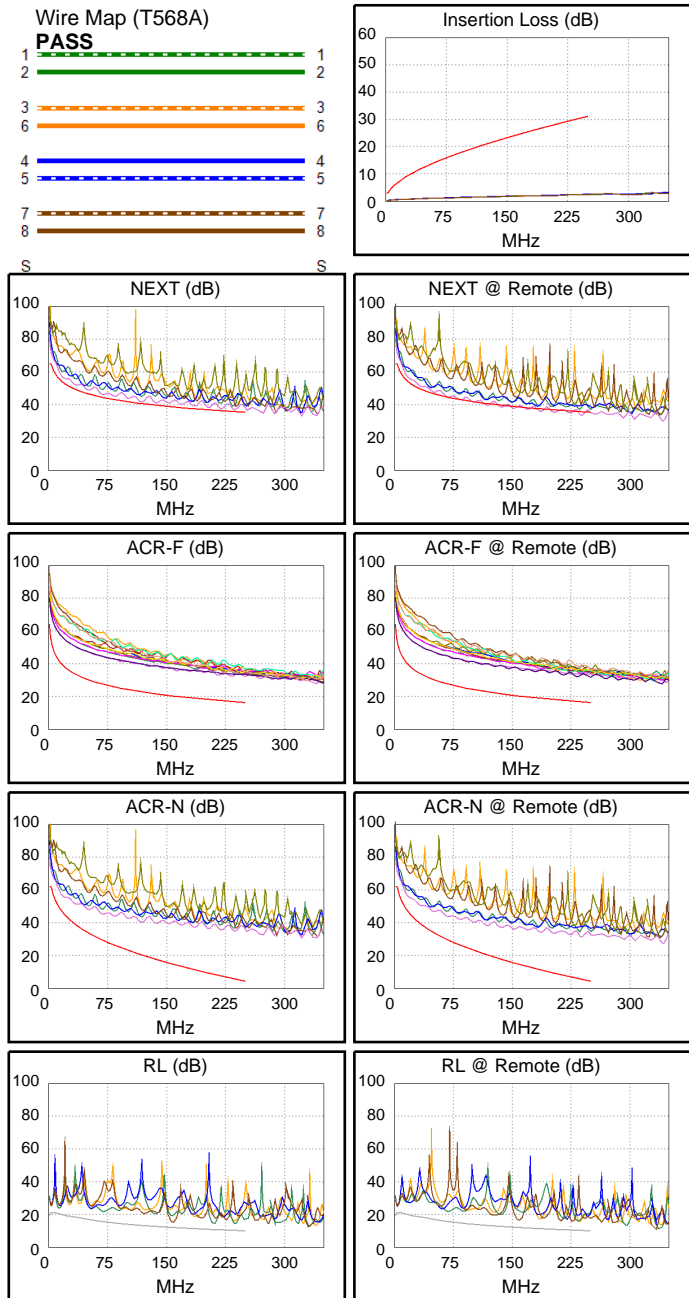
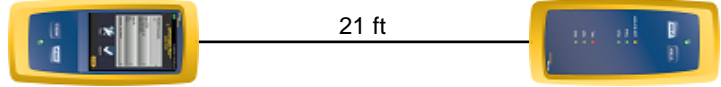
Date / Time: 09/15/2017 07:04:38 PM
Headroom -2.3 dB (NEXT 45-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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 36]	21
Prop. Delay (ns), Limit 498	[Pair 45]	32
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 12]	2.6
Insertion Loss Margin (dB)	[Pair 36]	27.8
Frequency (MHz)	[Pair 36]	238.5
Limit (dB)	[Pair 36]	30.3



	Worst Case Margin		Worst Case Value	
FAIL	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	0.9	-2.3 F	1.2	-2.3
Freq. (MHz)	118.0	239.0	236.5	239.0
Limit (dB)	40.7	35.7	35.7	35.7
Worst Pair	45	45	45	45
PS NEXT (dB)	0.7*	-1.7 F	0.7	-1.7
Freq. (MHz)	237.5	238.0	237.5	238.0
Limit (dB)	33.1	33.1	33.1	33.1
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	78-36
ACR-F (dB)	15.4	15.2	15.9	15.6
Freq. (MHz)	216.0	234.0	250.0	250.0
Limit (dB)	17.5	16.8	16.2	16.2
Worst Pair	45	36	45	36
PS ACR-F (dB)	16.1	15.4	16.2	15.5
Freq. (MHz)	238.0	249.0	240.0	250.0
Limit (dB)	13.7	13.3	13.6	13.2
N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	9.3	9.2	29.1	25.9
Freq. (MHz)	3.5	16.6	236.5	239.0
Limit (dB)	61.7	47.2	5.6	5.4
Worst Pair	45	45	45	45
PS ACR-N (dB)	10.1	9.8	28.6	26.3
Freq. (MHz)	4.0	16.1	237.5	238.0
Limit (dB)	58.3	45.1	2.9	2.8
N/A	MAIN	SR	MAIN	SR
Worst Pair	78	12	36	78
RL (dB)	3.2	4.0	3.5	5.0
Freq. (MHz)	158.5	3.5	211.0	228.0
Limit (dB)	12.0	21.0	10.8	10.4

* Measurement is within the accuracy limits of the instrument.