



Cable ID: 1

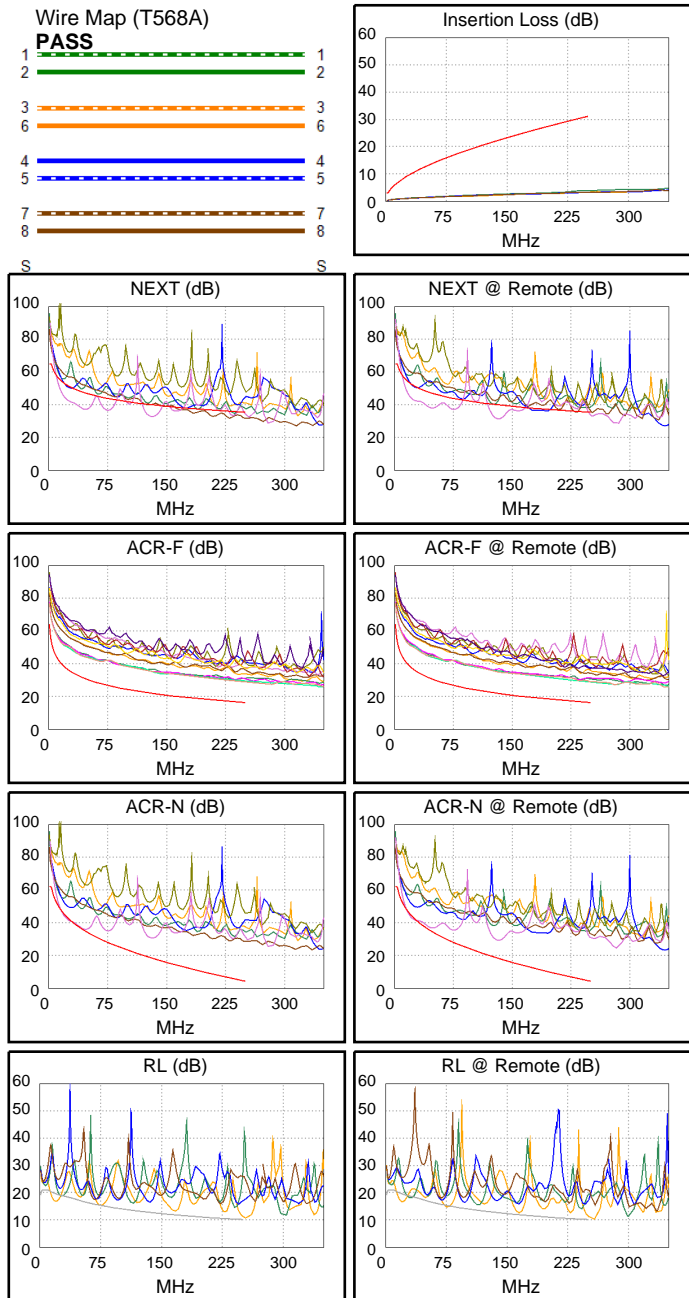
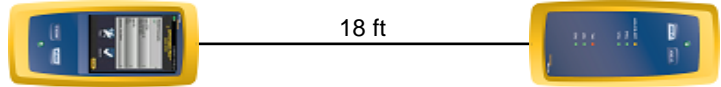
Date / Time: 09/01/2017 08:21:03 PM
Headroom -10.2 dB (NEXT 45-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

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 12] | 18 |
| Prop. Delay (ns), Limit 498 | [Pair 36] | 26 |
| Delay Skew (ns), Limit 44 | [Pair 12] | 0 |
| Resistance (ohms) | [Pair 36] | 2.5 |
| | | |
| Insertion Loss Margin (dB) | [Pair 36] | 26.9 |
| Frequency (MHz) | [Pair 36] | 242.5 |
| Limit (dB) | [Pair 36] | 30.6 |



Worst Case Margin Worst Case Value

| | MAIN | SR | MAIN | SR |
|---------------------|---------------|--------------|-------|-------|
| FAIL | | | | |
| Worst Pair | 45-78 | 45-78 | 36-45 | 45-78 |
| NEXT (dB) | -10.2F | -9.2F | -3.5 | -8.5 |
| Freq. (MHz) | 45.5 | 46.8 | 250.0 | 133.0 |
| Limit (dB) | 47.4 | 47.2 | 35.3 | 39.8 |
| Worst Pair | 45 | 45 | 45 | 45 |
| PS NEXT (dB) | -8.1F | -7.0F | -4.5 | -6.7 |
| Freq. (MHz) | 44.5 | 47.0 | 235.0 | 131.0 |
| Limit (dB) | 45.1 | 44.7 | 33.2 | 37.4 |

| | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| PASS | | | | |
| Worst Pair | 78-45 | 45-78 | 45-78 | 78-45 |
| ACR-F (dB) | 12.5 | 12.6 | 13.0 | 12.7 |
| Freq. (MHz) | 141.5 | 232.5 | 250.0 | 250.0 |
| Limit (dB) | 21.2 | 16.9 | 16.2 | 16.2 |
| Worst Pair | 45 | 45 | 45 | 45 |
| PS ACR-F (dB) | 13.1 | 13.0 | 13.1 | 13.4 |
| Freq. (MHz) | 235.0 | 137.0 | 235.0 | 250.0 |
| Limit (dB) | 13.8 | 18.5 | 13.8 | 13.2 |

| | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| N/A | | | | |
| Worst Pair | 45-78 | 45-78 | 36-45 | 45-78 |
| ACR-N (dB) | -1.2 | -1.3 | 24.4 | 11.3 |
| Freq. (MHz) | 22.5 | 21.5 | 250.0 | 134.0 |
| Limit (dB) | 43.9 | 44.4 | 4.2 | 17.9 |
| Worst Pair | 78 | 78 | 45 | 45 |
| PS ACR-N (dB) | 0.6 | 0.5 | 22.6 | 26.0 |
| Freq. (MHz) | 22.3 | 21.5 | 235.0 | 250.0 |
| Limit (dB) | 41.6 | 42.0 | 3.1 | 1.6 |

| | MAIN | SR | MAIN | SR |
|----------------|-------|-------|-------|-------|
| PASS | | | | |
| Worst Pair | 12 | 12 | 12 | 12 |
| RL (dB) | 1.2 | 1.4 | 1.2 | 1.4 |
| Freq. (MHz) | 250.0 | 250.0 | 250.0 | 250.0 |
| Limit (dB) | 10.0 | 10.0 | 10.0 | 10.0 |