



**Cable ID: UTPCAT5E-4\*2\*0.5CCA/**

Date / Time: 07/20/2016 05:08:25 □□

Headroom 3.5 dB (NEXT 45-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e UTP

Calibration Date: 01/14/2013

Operator: SHENYULIANG

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

**Test Summary: PASS**

Model: DTX-1800

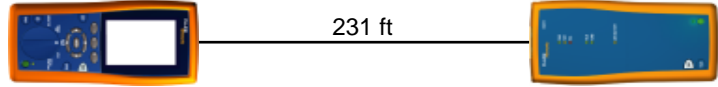
Main S/N: 2293739

Remote S/N: 2293740

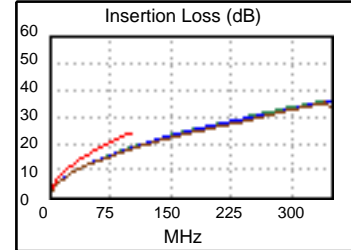
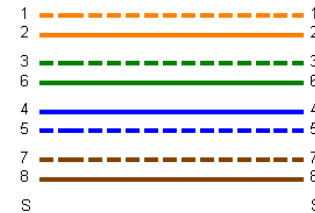
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	231
Prop. Delay (ns), Limit 555	[Pair 36]	347
Delay Skew (ns), Limit 50	[Pair 36]	6
Resistance (ohms)	[Pair 36]	22.2
Insertion Loss Margin (dB)	[Pair 36]	5.4
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

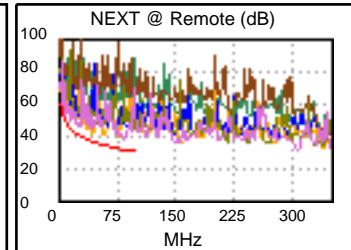
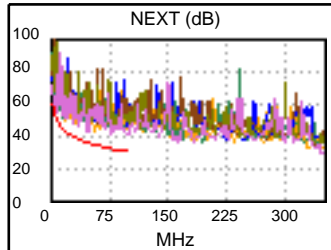


Wire Map (T568B)  
**PASS**

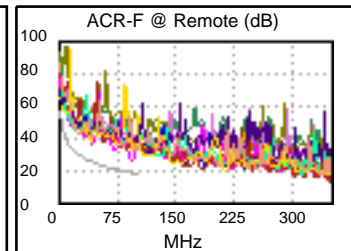
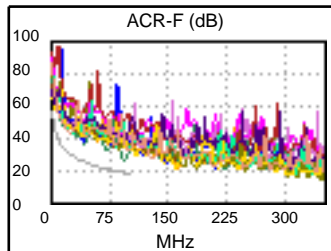


Worst Case Margin Worst Case Value

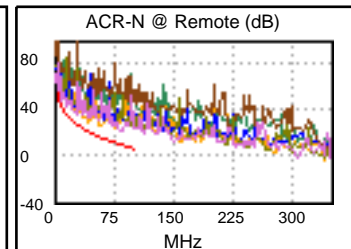
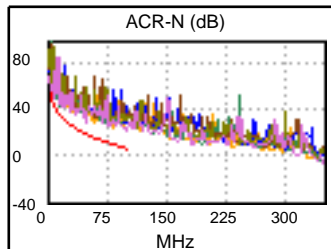
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
<b>NEXT (dB)</b>	4.7	3.5	9.2	5.6
Freq. (MHz)	7.4	7.4	98.8	84.0
Limit (dB)	49.2	49.2	30.2	31.4
Worst Pair	45	78	45	78
<b>PS NEXT (dB)</b>	7.1	5.7	11.3	8.4
Freq. (MHz)	7.3	7.4	98.5	83.8
Limit (dB)	46.3	46.2	27.2	28.4



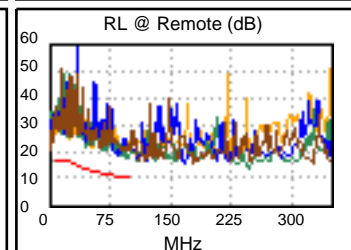
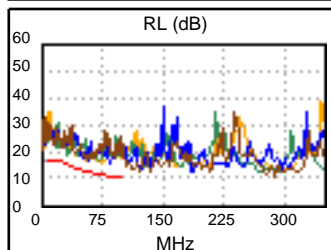
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	12-45	45-12
<b>ACR-F (dB)</b>	7.7	7.6	7.7	7.6
Freq. (MHz)	93.8	93.8	94.3	94.3
Limit (dB)	18.0	18.0	17.9	17.9
Worst Pair	45	12	45	12
<b>PS ACR-F (dB)</b>	9.9	9.8	9.9	9.8
Freq. (MHz)	93.8	94.3	94.3	94.3
Limit (dB)	15.0	14.9	14.9	14.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
<b>ACR-N (dB)</b>	5.8	4.9	15.4	11.4
Freq. (MHz)	2.1	7.4	98.8	84.0
Limit (dB)	54.8	43.1	6.3	9.6
Worst Pair	45	78	45	45
<b>PS ACR-N (dB)</b>	8.4	7.1	17.0	13.7
Freq. (MHz)	7.3	7.4	98.8	84.0
Limit (dB)	40.3	40.1	3.3	6.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	12	36
<b>RL (dB)</b>	3.5	6.3	4.0	6.6
Freq. (MHz)	31.1	83.3	72.5	96.0
Limit (dB)	15.1	10.8	11.4	10.2



Compliant Network Standards:  
 10BASE-T 100BASE-TX 100BASE-T4  
 1000BASE-T ATM-25 ATM-51  
 ATM-155 100VG-AnyLan TR-4  
 TR-16 Active TR-16 Passive