



Cable ID: NCN-P1C6U-5CBK

Date / Time: 10/21/2024 01:55:48 PM

Headroom 11.0 dB (NEXT 45-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 71.0%

Operator: WLQ

Software Version: V6.6 Build 2

Limits Version: V7.6

Calibration Date:

Main (Module): 06/30/2020

Remote (Module): 06/30/2020

Test Summary: PASS

Model: DSX-8000

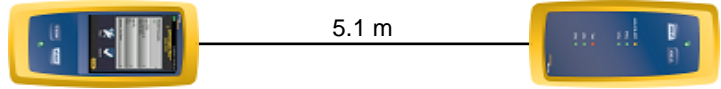
Main S/N: 1903179

Remote S/N: 1852211

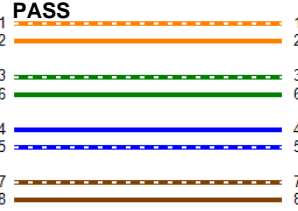
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

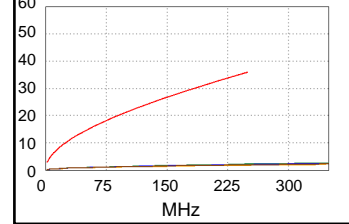
Length (m), Limit 100.0	[Pair 12]	5.1
Prop. Delay (ns), Limit 555	[Pair 36]	25
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 12]	1.54
Insertion Loss Margin (dB)	[Pair 36]	33.7
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



Wire Map (T568B)

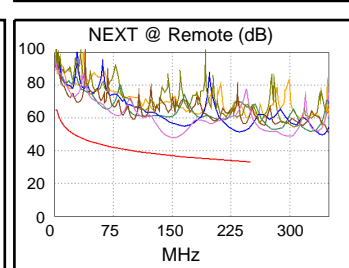
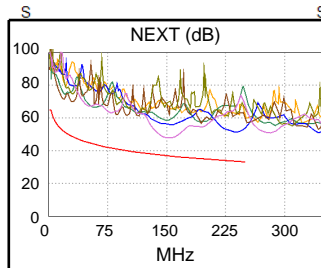


Insertion Loss (dB)

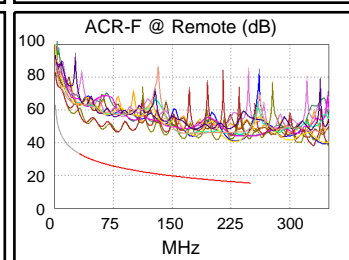
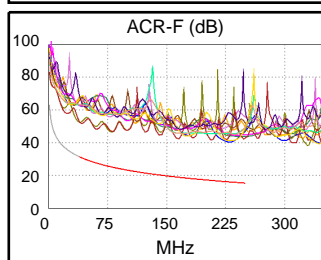


Worst Case Margin Worst Case Value

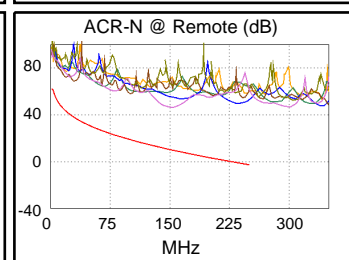
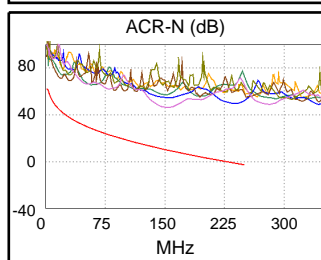
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	11.0	11.0	11.3	11.0
Freq. (MHz)	149.5	152.5	156.0	152.5
Limit (dB)	37.0	36.8	36.6	36.8
Worst Pair	78	78	78	78
PS NEXT (dB)	13.3	13.4	13.5	13.4
Freq. (MHz)	149.5	154.0	157.5	154.0
Limit (dB)	34.1	33.8	33.7	33.8



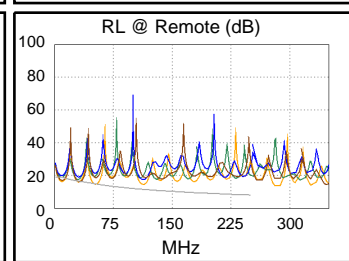
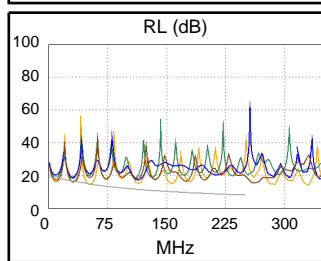
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-78	78-12
ACR-F (dB)	20.7	20.8	24.4	24.6
Freq. (MHz)	61.0	61.0	231.5	231.5
Limit (dB)	27.6	27.6	16.0	16.0
Worst Pair	45	36	78	12
PS ACR-F (dB)	21.8	21.9	25.7	25.7
Freq. (MHz)	1.0	1.0	231.0	233.5
Limit (dB)	60.3	60.3	13.0	12.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-78	45-78	45-78
ACR-N (dB)	26.2	27.5	37.4	36.6
Freq. (MHz)	3.4	3.3	157.5	152.5
Limit (dB)	60.5	60.9	9.1	9.8
Worst Pair	12	78	78	78
PS ACR-N (dB)	27.6	28.6	39.5	39.1
Freq. (MHz)	3.4	3.3	157.5	154.0
Limit (dB)	58.0	58.4	6.2	6.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	-2.8	-2.7	-0.3	3.0
Freq. (MHz)	10.1	10.1	53.0	114.0
Limit (dB)	19.0	19.0	14.8	11.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		