

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1/05 1/06	FAIL	TIA Cat 6 Channel	95 ft	-23.4 dB (NEXT)	11/23/2021 05:02 PM

Total Length:	95 ft
Number of Reports:	1
Number of Passing Reports:	0
Number of Failing Reports:	1
Number of Warning Reports:	0
Documentation Only:	0

Cable ID: 1/05 1/06

Test Limit: TIA Cat 6 Channel

Limits Version: 1.9300

Date / Time: 11/23/2021 05:02:30 PM

Operator: A

Headroom -23.4 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A FTP

NVP: 74.0%

Main: DTX CableAnalyzer

S/N: 8727070

Software Version: 2.7400

Calibration Date: 05/10/2006

Adapter: DTX-CHA001

S/N: MBGSJDF

Test Summary: FAIL

Remote: DTX CableAnalyzer

S/N: 8727069

Software Version: 2.7400

Calibration Date: 05/10/2006

Adapter: DTX-CHA001

S/N: MBG1SUS

Length (ft), Limit 328	[Pair 1,2]	95
Prop. Delay (ns), Limit 555	[Pair 4,5]	133
Delay Skew (ns), Limit 50	[Pair 4,5]	2
Resistance (ohms)	[Pair 1,2]	52.6
Insertion Loss Margin (dB)	[Pair 7,8]	-81.0 F
Frequency (MHz)	[Pair 7,8]	1.0
Limit (dB)	[Pair 7,8]	3.0

Worst Case Margin Worst Case Value

FAIL	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	-23.4 F	-23.0 F	-12.2	-11.5
Freq. (MHz)	7.9	8.0	206.5	215.0
Limit (dB)	58.3	58.2	34.5	34.2
Worst Pair	3,6	3,6	4,5	4,5
PS NEXT (dB)	-20.9 F	-20.5 F	-9.4	-8.8
Freq. (MHz)	8.3	8.6	206.5	215.0
Limit (dB)	55.4	55.1	31.6	31.3

FAIL	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	7,8-1,2
ACR-F (dB)	-146.2 F	-144.9 F	-146.2	-120.2
Freq. (MHz)	1.0	1.0	1.0	19.1
Limit (dB)	63.3	63.3	63.3	37.6
Worst Pair	7,8	1,2	7,8	1,2
PS ACR-F (dB)	-143.2 F	-143.2 F	-143.2	-143.2
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	60.3	60.3	60.3	60.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-7,8	1,2-7,8	4,5-7,8
ACR-N (dB)	-71.7	-74.7	-63.8	-62.7
Freq. (MHz)	1.0	1.0	91.5	91.5
Limit (dB)	62.0	62.0	20.3	20.3
Worst Pair	1,2	1,2	7,8	7,8
PS ACR-N (dB)	-76.1	-78.7	-62.1	-62.7
Freq. (MHz)	19.1	19.1	91.5	91.5
Limit (dB)	40.5	40.5	17.5	17.5

FAIL	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	3,6	7,8
RL (dB)	-5.3 F	-5.4 F	4.3	3.9
Freq. (MHz)	1.0	8.0	232.5	226.0
Limit (dB)	19.0	19.0	8.3	8.5

