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Project Number: 3193544
Certificate of Conformance Number: 2004943CRT-003

Date Issued: 6/30/2010

Test Report Number: 3193544CRT-042d



Applicant:
Nexans Inc.
dba Berk-Tek
132 White Oak Road
New Holland, PA 17557

Manufacturer:
Nexans Inc.
dba Berk-Tek
132 White Oak Road
New Holland, PA 17557USA

Applicant Contact: Mr. Steve Frei

Mfg. Contact: Mr. Joel Fasnacht

Dear Mr. Steve Frei;

Intertek is pleased to provide this letter report covering the testing of one (1) 4 Pair, 24 AWG, FTP, CMP, Plenum, Horizontal (solid) Cable, Part Number: 10032121 LANmark 5e. The sample was selected from your manufacturer facility, Nexans Inc. DBA Berk-Tek, by the Intertek Inspector Mr. Ronald Williams on 4/29/2010, for Quarter 2 2010 Quarterly Follow-up Testing.

The testing was performed at Intertek located in Cortland, NY on 5/7/2010, to the TIA 568-C.2 Category 5e specifications and did comply with the applicable requirements of the specifications.

We have appreciated this opportunity to be of service to you. If there are any questions regarding this letter or any other services offered by Intertek, Please do not hesitate to contact us.

Refer to Appendix A for test summary results

Sincerely,

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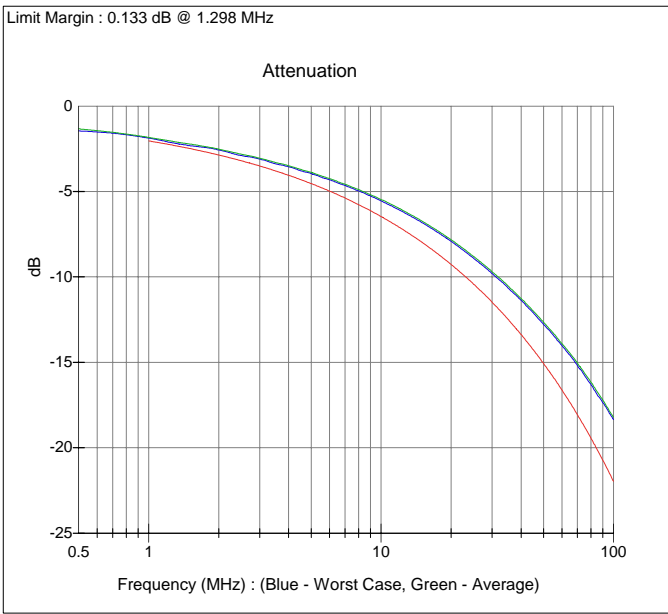
Appendix A

Test Results

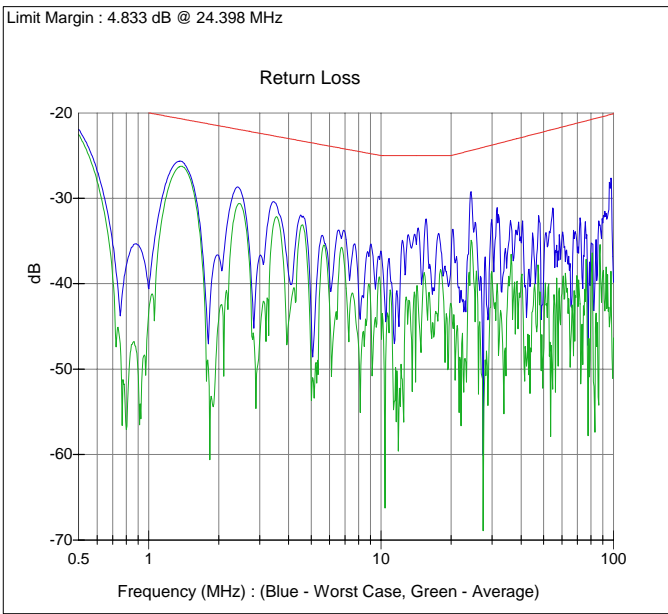


Summary

Client	Nexans Inc	Report No	3193544CRT-042d
Specification	TIA-568-C2 - Cat 5e	Length	100.
Part No	10032121	Temperature	20 °C
Test Started	5/6/2010 3:12:48 PM		A
Description	4x24 FTP-CMP-Solid	Test Status	Complies
Technician	John Cash		



Attenuation			
Freq	Worst Case	Average	Spec
1.	1.9	1.8	2.0
4.	3.6	3.5	4.1
8.	5.0	4.9	5.8
10.	5.5	5.5	6.5
16.	7.1	7.0	8.2
20.	7.9	7.8	9.3
25.	8.9	8.8	10.4
31.25	10.0	9.9	11.7
62.5	14.3	14.2	17.0
100.	18.4	18.2	22.0



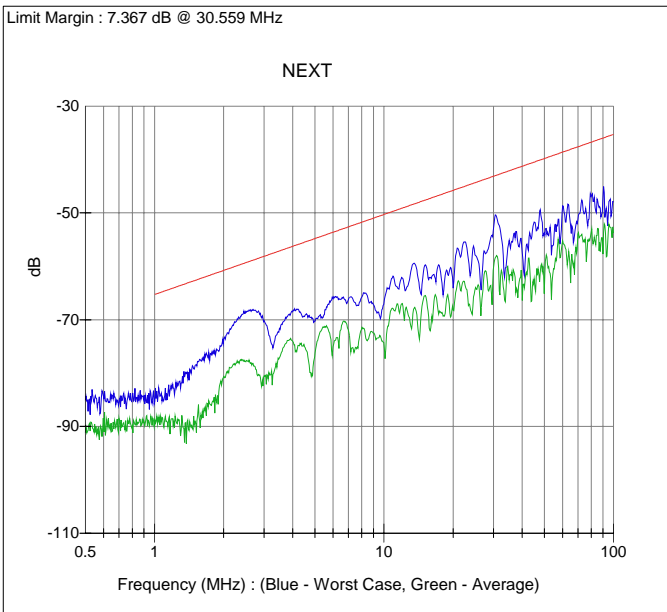
Return Loss			
Freq	Worst Case	Average	Spec
1.	40.9	43.3	20.0
4.	38.9	44.5	23.0
8.	40.9	47.3	24.5
10.	36.3	43.4	25.0
16.	38.3	41.3	25.0
20.	36.9	42.3	25.0
25.	33.8	39.0	24.3
31.25	33.4	43.1	23.6
62.5	36.2	39.7	21.5
100.	39.8	46.3	20.1



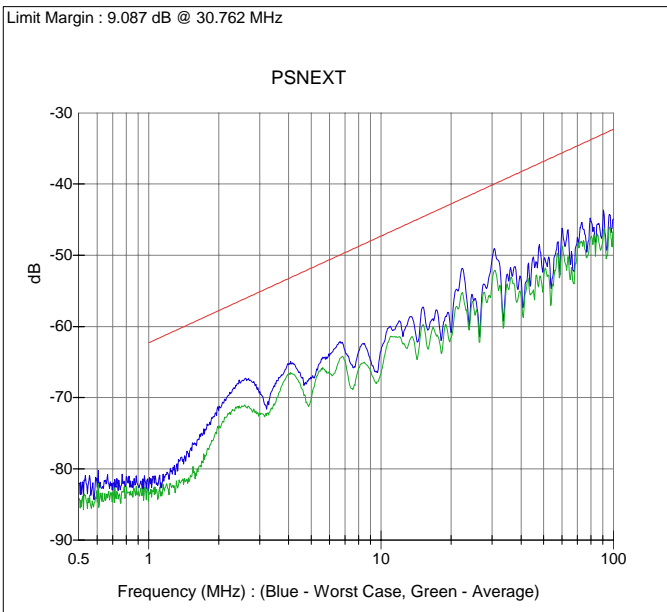
Summary

Client Nexans Inc
Specification TIA-568-C2 - Cat 5e
Part No 10032121
Test Started 5/6/2010 3:12:48 PM
Description 4x24 FTP-CMP-Solid
Technician John Cash

Report No 3193544CRT-042d
Length 100.
Temperature 20 °C
Test Status Complies



NEXT			
Freq	Worst Case	Average	Spec
1.	85.5	89.2	65.3
4.	68.5	74.1	56.3
8.	65.8	71.6	51.8
10.	66.9	74.7	50.3
16.	62.2	71.2	47.2
20.	64.1	68.3	45.8
25.	58.1	64.1	44.3
31.25	51.5	58.4	42.9
62.5	50.3	58.3	38.4
100.	48.0	53.8	35.3

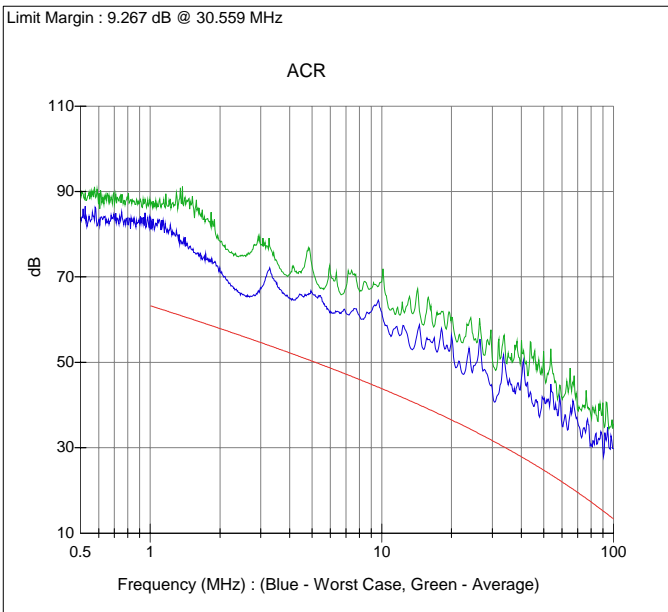


PSNEXT			
Freq	Worst Case	Average	Spec
1.	82.7	83.7	62.3
4.	65.4	66.8	53.3
8.	63.5	65.9	48.8
10.	63.3	66.5	47.3
16.	60.4	63.1	44.2
20.	60.9	61.6	42.8
25.	56.6	57.1	41.3
31.25	50.2	52.6	39.9
62.5	48.1	51.4	35.4
100.	44.9	46.5	32.3

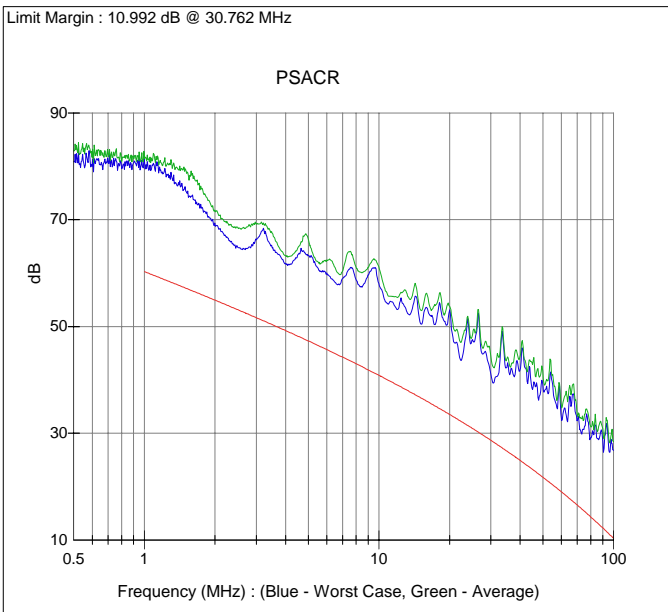


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ACR			
Freq	Worst Case	Average	Spec
1.	83.8	87.4	63.3
4.	65.1	70.7	52.2
8.	60.9	66.8	46.0
10.	61.5	69.2	43.8
16.	55.3	64.3	39.0
20.	56.3	60.5	36.5
25.	49.3	55.4	33.9
31.25	41.7	48.5	31.2
62.5	36.2	44.2	21.4
100.	29.9	35.6	13.3

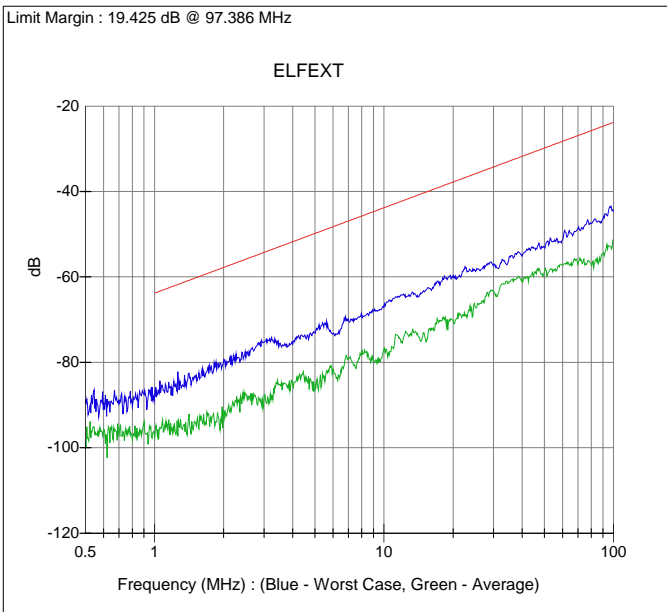


PSACR			
Freq	Worst Case	Average	Spec
1.	81.0	81.9	60.3
4.	61.9	63.3	49.2
8.	58.7	61.0	43.0
10.	57.9	61.0	40.8
16.	53.5	56.1	36.0
20.	53.1	53.8	33.5
25.	47.8	48.3	30.9
31.25	40.3	42.7	28.2
62.5	34.0	37.2	18.4
100.	26.8	28.4	10.3

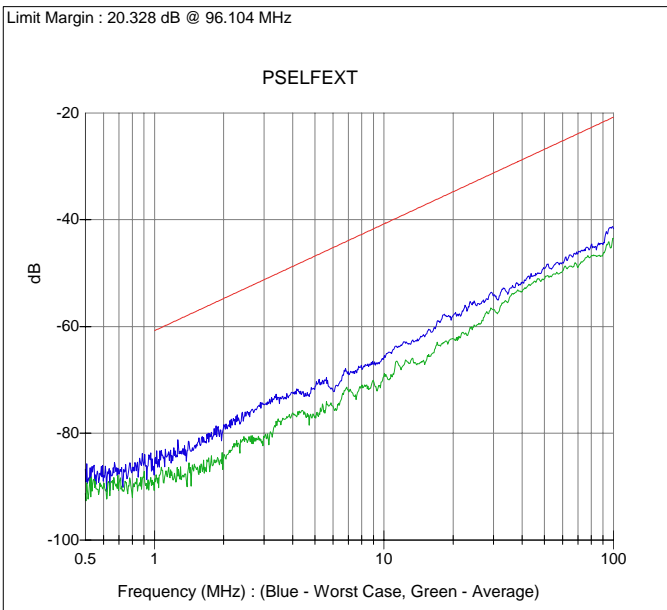


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Technician	John Cash		



ELFEXT			
Freq	Worst Case	Average	Spec
1.	87.8	97.2	63.8
4.	75.7	85.4	51.8
8.	69.2	77.5	45.7
10.	67.0	76.9	43.8
16.	63.0	72.4	39.7
20.	59.7	70.1	37.8
25.	58.6	67.1	35.8
31.25	58.1	64.4	33.9
62.5	50.7	56.6	27.9
100.	44.8	51.3	23.8

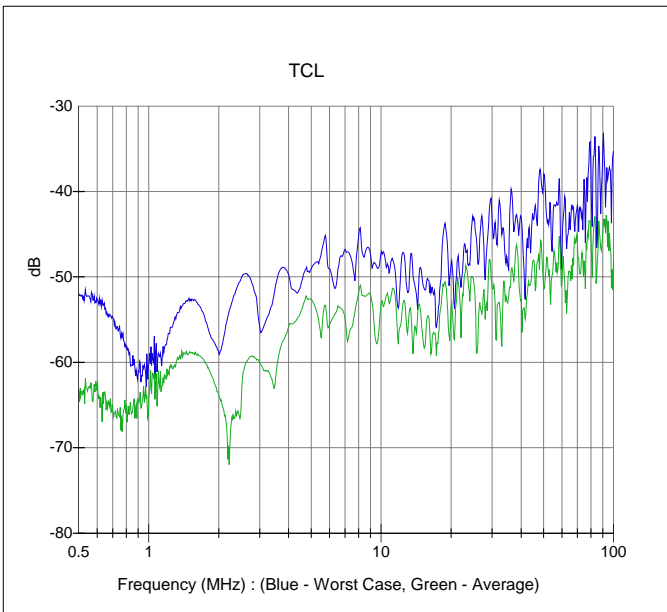


PSELFEXT			
Freq	Worst Case	Average	Spec
1.	85.9	89.3	60.8
4.	72.5	76.2	48.8
8.	67.8	71.1	42.7
10.	65.8	69.2	40.8
16.	61.1	65.5	36.7
20.	57.9	62.3	34.8
25.	55.8	60.0	32.8
31.25	55.0	57.6	30.9
62.5	47.6	49.2	24.9
100.	41.8	43.5	20.8

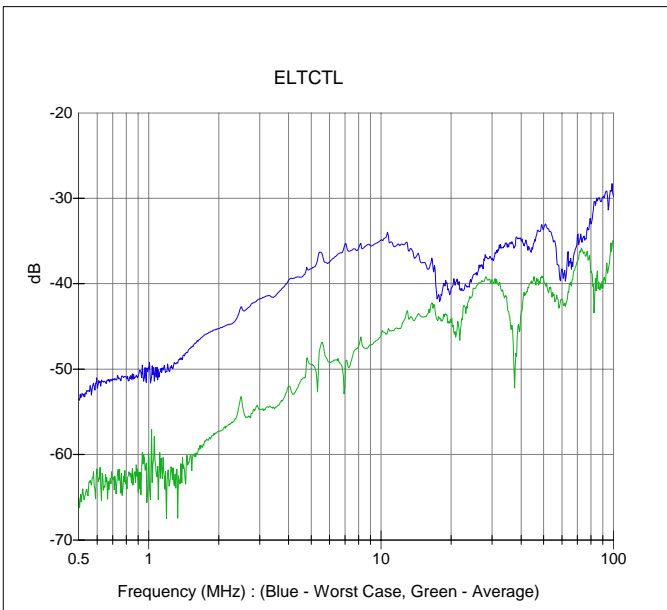


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Part No	10032121	Temperature	20 °C
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Description	4x24 FTP-CMP-Solid	Test Status	Complies
Technician	John Cash		



TCL			
Freq	Worst Case	Average	Spec
1.	61.2	64.8	
4.	49.7	55.8	
8.	45.3	51.9	
10.	47.2	53.2	
16.	50.4	54.7	
20.	48.5	53.5	
25.	43.1	50.4	
31.25	45.1	57.4	
62.5	44.9	51.7	
100.	35.3	48.1	



ELTCTL			
Freq	Worst Case	Average	Spec
1.	-49.9	-60.2	
4.	-39.6	-52.0	
8.	-35.8	-47.3	
10.	-34.9	-46.0	
16.	-38.3	-43.3	
20.	-40.6	-44.6	
25.	-38.9	-40.5	
31.25	-36.3	-39.8	
62.5	-39.2	-42.4	
100.	-29.8	-35.2	