



3933 US Route 11  
Cortland, New York 13045

Telephone: +1 (800) 345-3851  
Facsimile: +1 (607) 758-6637  
www.intertek.com

Project Number: G100283649  
Certificate of Conformance Number: 3193544CRT-001a

Date Issued: 7/28/2011

**Test Report Number: G100283649CRT-011f**



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

Manufacturer:  
Nexans Inc.  
dba Berk-Tek  
132 White Oak Road  
New Holland, PA 17557USA  
Mfg. Contact: Mr. Joel Fasnacht

Dear Mr. Joel Fasnacht;

Intertek is pleased to provide this letter report covering the testing of one (1) 4 Pair, 24 AWG, UTP, CM, Non-Plenum, Patch (stranded) Cable, Part Number: 10032705 Hyper Plus 5e. The sample was selected from your manufacturer facility, Nexans Inc. DBA Berk-Tek, by the Intertek Inspector Mr. Ronald Williams on 7/21/2011, for Quarter 3 2011 Quarterly Follow-up Testing.

The testing was performed at Intertek located in Cortland, NY on 7/26/2011, 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,

*Kathy Heath*  
Kathy Heath  
Program Coordinator  
Global Cabling Products Testing  
Phone: (607) 758-6641  
Email: kathy.heath@intertek.com

*John Cash*  
John Cash  
Technician  
Global Cabling Products Testing  
Phone: (607) 758-6677  
Email: john.cash@intertek.com

*Antoine Pelletier*  
Antoine Pelletier  
Engineer  
Global Cabling Products Testing  
Phone: (607) 758-6718  
Email: antoine.pelletier@intertek.com



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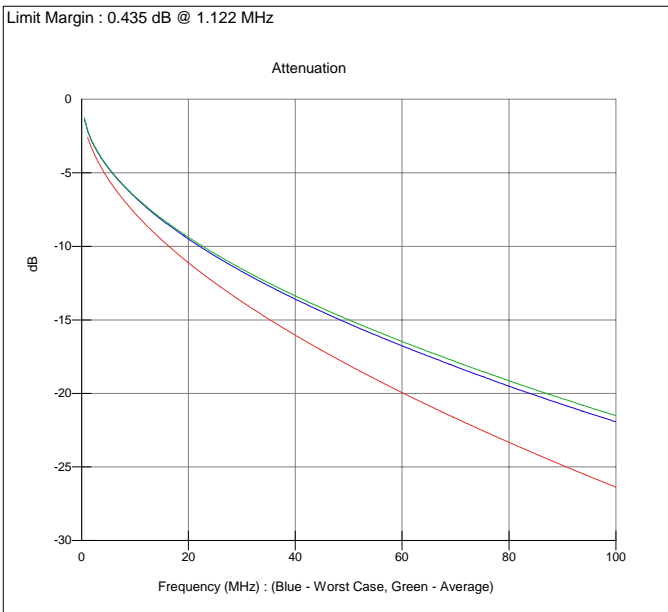
Appendix A

Test Results

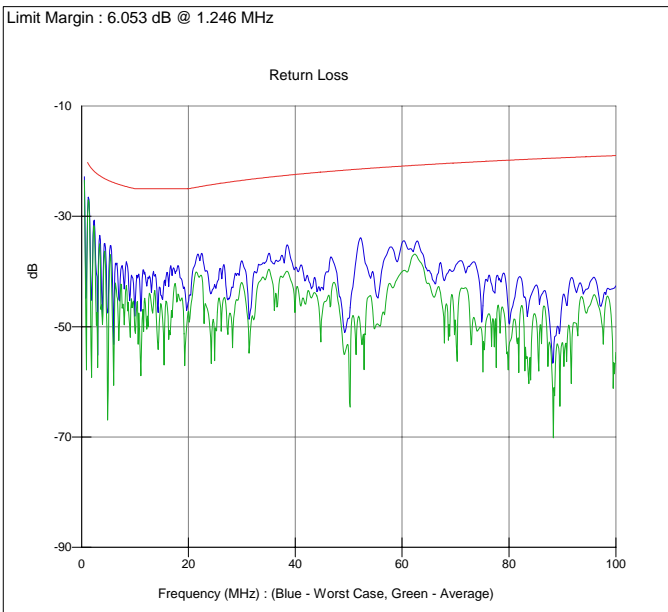


## Summary

<b>Client</b>	Nexans Inc. DBA Berk-Tek	<b>Report No</b>	100283649CRT-011f
<b>Specification</b>	TIA-568-C2 - Cat 5e (Patch)	<b>Length</b>	100.
<b>Part No</b>	10032705	<b>Temperature</b>	20 °C
<b>Test Started</b>	7/26/2011 10:11:08 AM		A
<b>Description</b>	4x24 UTP-CM-Patch	<b>Test Status</b>	Complies
<b>Technician</b>	John Cash		



Attenuation			
Freq	Worst Case	Average	Spec
1.	2.0	2.0	2.5
4.	4.2	4.1	4.9
8.	5.9	5.9	6.9
10.	6.7	6.6	7.8
16.	8.5	8.4	9.9
20.	9.5	9.4	11.1
25.	10.7	10.5	12.5
31.25	12.0	11.8	14.1
62.5	17.1	16.8	20.4
100.	21.9	21.5	26.4

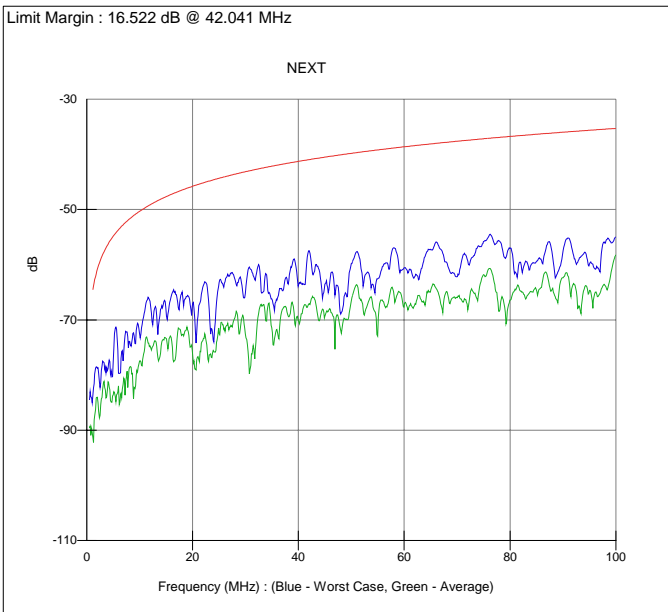


Return Loss			
Freq	Worst Case	Average	Spec
1.	36.4	37.8	20.0
4.	41.9	46.8	23.0
8.	43.2	48.8	24.5
10.	46.9	50.9	25.0
16.	40.2	46.3	25.0
20.	45.6	47.3	25.0
25.	42.7	50.3	24.2
31.25	47.2	51.7	23.3
62.5	35.0	36.9	20.7
100.	42.6	54.6	19.0

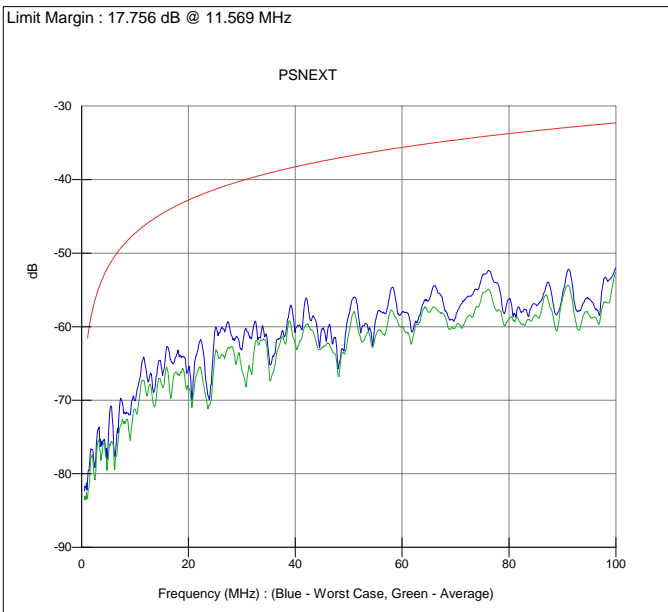


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<b>Technician</b>	John Cash		



NEXT			
Freq	Worst Case	Average	Spec
1.	85.1	90.5	65.2
4.	78.7	81.3	56.3
8.	73.9	78.9	51.8
10.	73.4	77.4	50.3
16.	65.5	73.6	47.2
20.	67.1	76.3	45.8
25.	63.3	72.5	44.3
31.25	61.4	76.0	42.9
62.5	62.0	65.9	38.4
100.	55.0	58.2	35.3

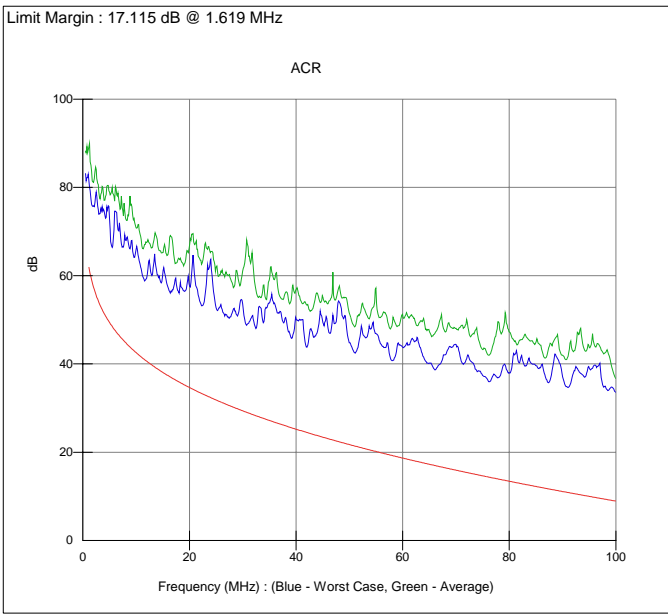


PSNEXT			
Freq	Worst Case	Average	Spec
1.	82.3	83.4	62.2
4.	75.5	76.0	53.3
8.	71.7	73.0	48.8
10.	70.3	71.2	47.3
16.	62.7	65.8	44.2
20.	65.7	68.5	42.8
25.	60.2	63.7	41.3
31.25	61.1	65.7	39.9
62.5	59.4	60.0	35.4
100.	52.0	52.6	32.3

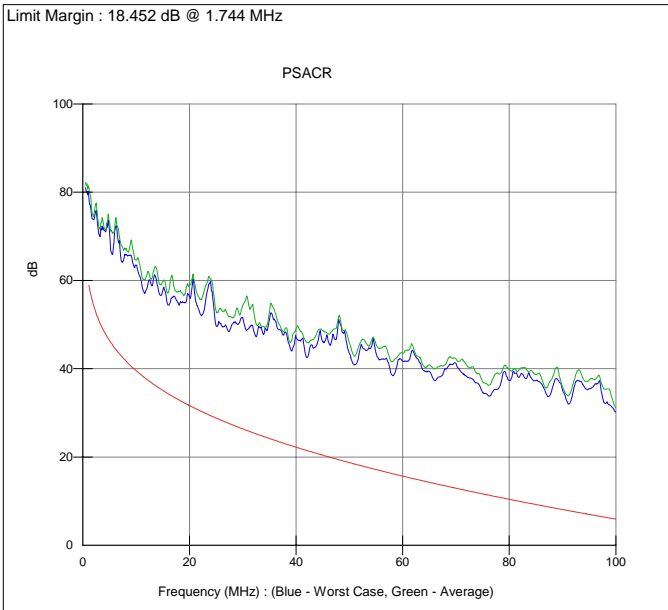


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<b>Technician</b>	John Cash		



ACR			
Freq	Worst Case	Average	Spec
1.	83.1	88.5	62.8
4.	74.5	77.1	51.4
8.	68.0	72.9	44.8
10.	66.7	70.8	42.5
16.	57.2	65.2	37.3
20.	57.7	66.9	34.7
25.	52.8	62.0	31.8
31.25	49.7	64.2	28.8
62.5	45.3	49.0	18.0
100.	33.6	36.7	8.9

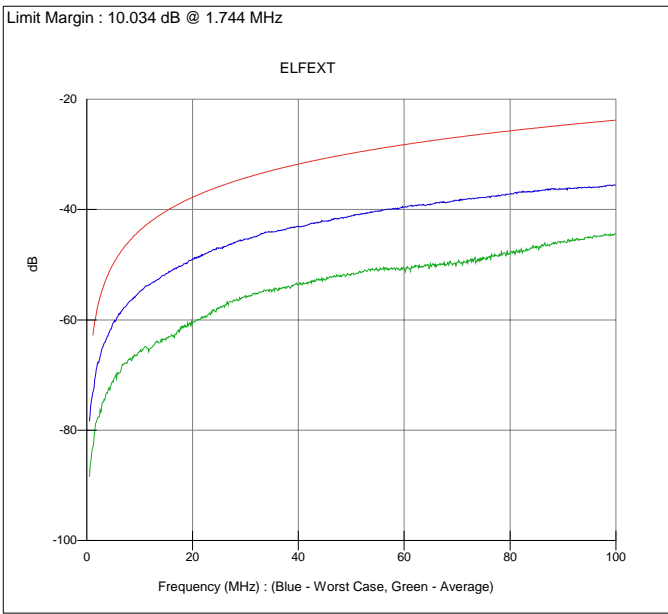


PSACR			
Freq	Worst Case	Average	Spec
1.	80.2	81.4	59.8
4.	71.3	71.9	48.4
8.	65.8	67.1	41.8
10.	63.7	64.6	39.5
16.	54.4	57.4	34.3
20.	56.3	59.1	31.7
25.	49.8	53.1	28.8
31.25	49.5	53.9	25.8
62.5	42.6	43.2	15.0
100.	30.2	31.1	5.9

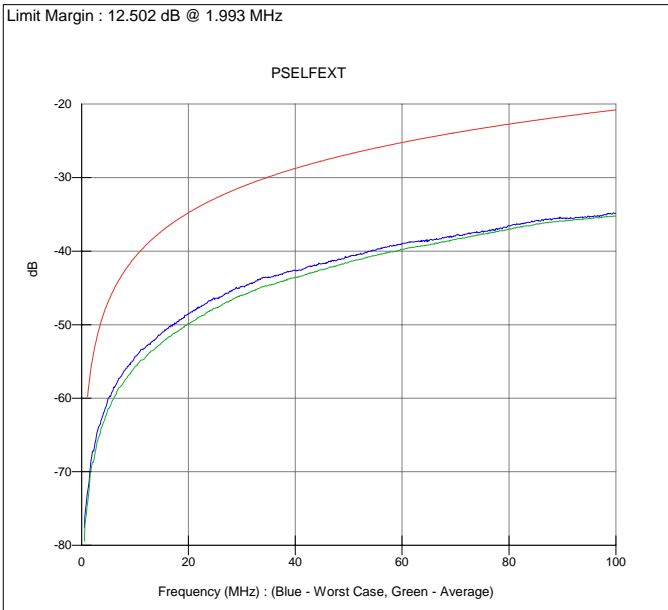


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<b>Technician</b>	John Cash		



ELFEXT			
Freq	Worst Case	Average	Spec
1.	73.8	83.4	63.7
4.	62.8	72.8	51.8
8.	56.7	67.1	45.7
10.	54.9	65.6	43.8
16.	51.0	62.8	39.7
20.	48.9	60.5	37.8
25.	47.0	57.8	35.8
31.25	45.1	55.4	33.9
62.5	39.2	50.3	27.9
100.	35.6	44.4	23.8

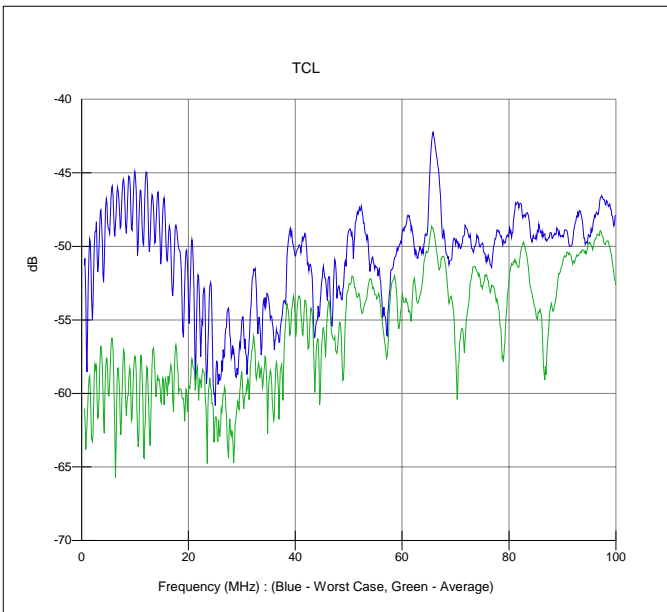


PSELFEXT			
Freq	Worst Case	Average	Spec
1.	73.3	74.8	60.7
4.	62.3	63.4	48.8
8.	56.3	57.7	42.7
10.	54.4	55.7	40.8
16.	50.5	51.8	36.7
20.	48.5	49.8	34.8
25.	46.4	47.8	32.8
31.25	44.5	45.6	30.9
62.5	38.7	39.4	24.9
100.	34.9	35.2	20.8

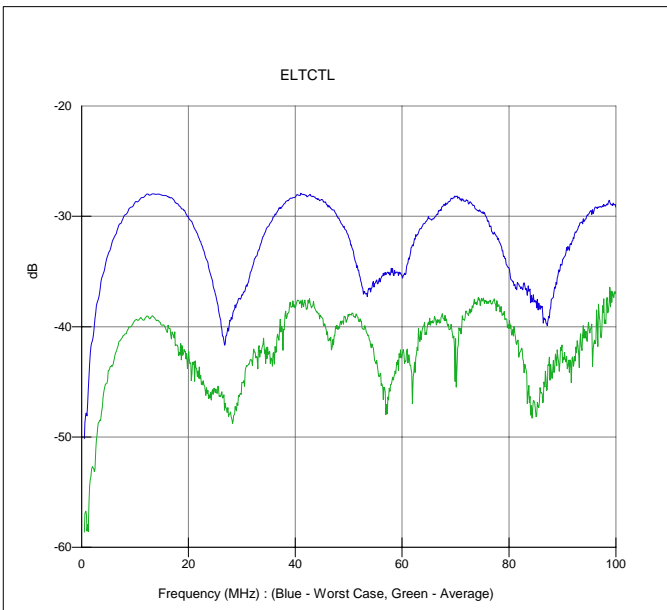


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TCL			
Freq	Worst Case	Average	Spec
1.	58.5	62.2	
4.	52.0	60.2	
8.	46.3	57.6	
10.	45.1	57.5	
16.	51.0	60.0	
20.	54.1	59.8	
25.	60.8	61.7	
31.25	57.1	59.6	
62.5	50.4	52.8	
100.	47.9	52.6	



ELTCTL			
Freq	Worst Case	Average	Spec
1.	-48.1	-58.5	
4.	-35.2	-46.4	
8.	-29.9	-40.7	
10.	-28.7	-39.4	
16.	-28.2	-40.5	
20.	-30.1	-42.4	
25.	-37.0	-46.0	
31.25	-35.9	-43.4	
62.5	-31.9	-43.5	
100.	-29.2	-36.8	