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Project Number: G100283649
Certificate of Conformance Number: 3034960CRT-003

Date Issued: 10/30/2013

Test Report Number: G100283649CRT-027g



Applicant:
Berk-Tek LLC
132 White Oak Rd.
New Holland, PA 17557
Applicant Contact: Mr. Darren Scott

Manufacturer:
Berk-Tek LLC
132 White Oak Rd.
New Holland, PA 17557
Mfg. Contact: Mr. Darren Scott

Dear Mr. Darren Scott;

Intertek is pleased to provide this letter report covering the testing of one (1) 25 Pair, 24 AWG, UTP, CMP, Plenum, Backbone Cable, Part Number: 10059632 Hyper + 5e. The sample was selected from your manufacturer facility, Berk-Tek LLC, by the Intertek Inspector Mr. Ronald Williams on 7/16/2013, for Quarter 3 2013 Quarterly Follow-up Testing.

The testing was performed at Intertek located in Cortland, NY on , to the ANSI/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,

Antoine Pelletier
Engineer
Global Cabling Products Testing
Phone: (607) 758-6718

John Cash
Technician
Global Cabling Products Testing
Phone: (607) 758-6677



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Appendix A

Test Results

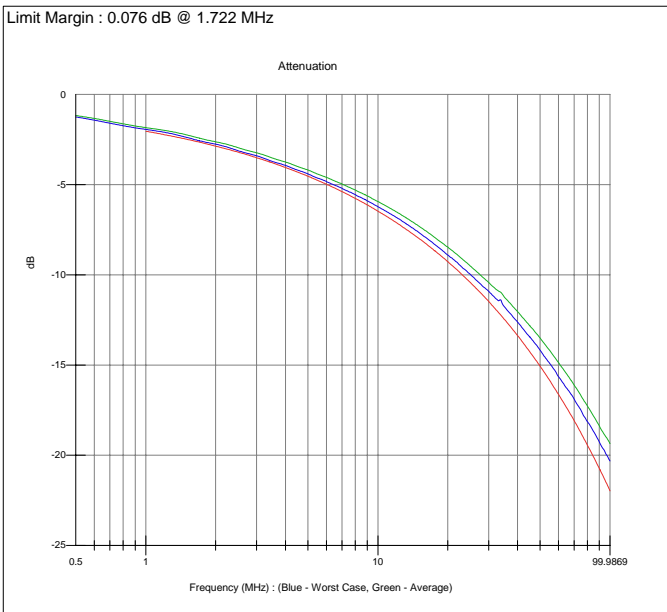
Appendix B

Test Results

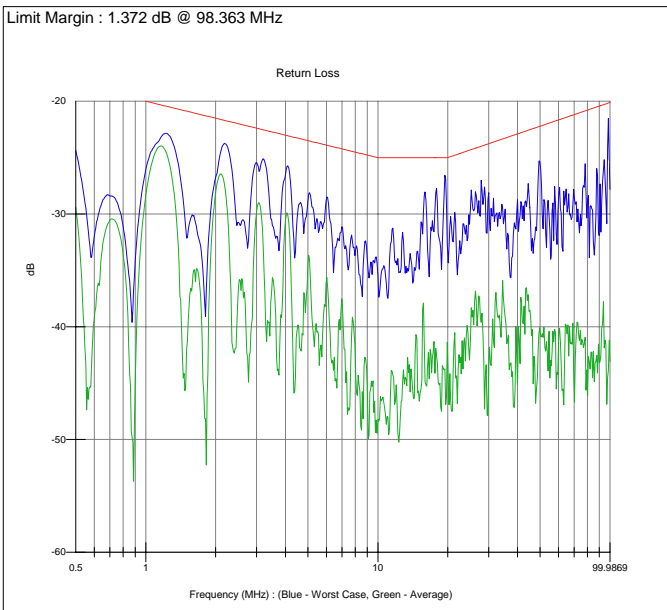


Summary

Client	Berk-Tek LLC	Report No	100283649CRT-027g
Specification	ANSI-TIA-568-C2 Cat 5e Backbone	Length	100.
Part No	10059632	Temperature	20 °C
Test Started	10/29/2013 7:04:46 AM		A
Description	25x24 UTP-CMP-Backbone	Test Status	Complies
Technician	John Cash		



Attenuation			
Freq	Worst Case	Average	Spec
1.	1.9	1.8	2.0
4.	3.9	3.7	4.1
8.	5.6	5.3	5.8
10.	6.2	5.9	6.5
16.	7.9	7.5	8.2
20.	8.9	8.5	9.3
25.	10.0	9.5	10.4
31.25	11.1	10.6	11.7
62.5	16.0	15.2	17.0

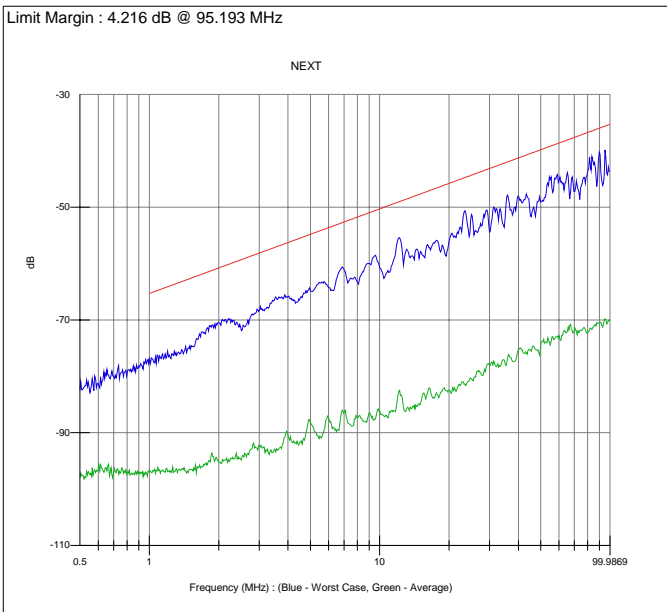


Return Loss			
Freq	Worst Case	Average	Spec
1.	26.1	28.4	20.0
4.	26.5	30.5	23.0
8.	33.7	43.2	24.5
10.	35.3	48.4	25.0
16.	28.2	44.9	25.0
20.	33.8	43.0	25.0
25.	30.3	41.6	24.3
31.25	30.2	39.4	23.6
62.5	34.1	45.6	21.5

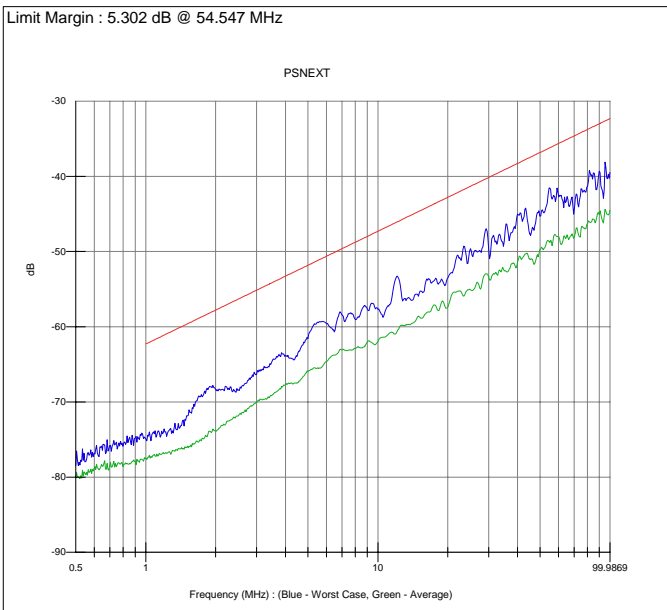


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Description	25x24 UTP-CMP-Backbone	Test Status	Complies
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NEXT			
Freq	Worst Case	Average	Spec
1.	77.5	96.7	65.3
4.	65.8	90.6	56.3
8.	63.3	87.3	51.8
10.	60.7	86.2	50.3
16.	56.9	83.3	47.2
20.	56.2	82.5	45.8
25.	51.6	80.4	44.3
31.25	50.0	77.3	42.9
62.5	45.8	72.5	38.4

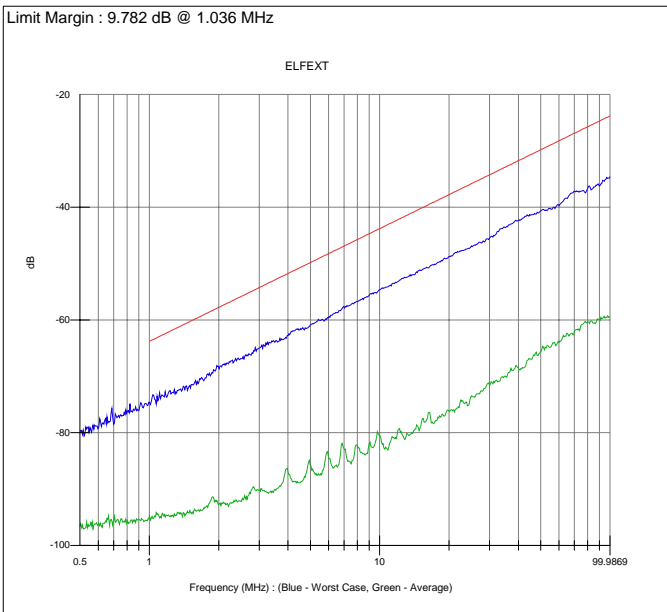


PSNEXT			
Freq	Worst Case	Average	Spec
1.	74.9	77.5	62.3
4.	63.8	67.7	53.3
8.	59.1	62.9	48.8
10.	57.7	62.0	47.3
16.	54.3	58.3	44.2
20.	53.5	57.4	42.8
25.	49.7	55.1	41.3
31.25	48.0	53.1	39.9
62.5	43.3	48.7	35.4

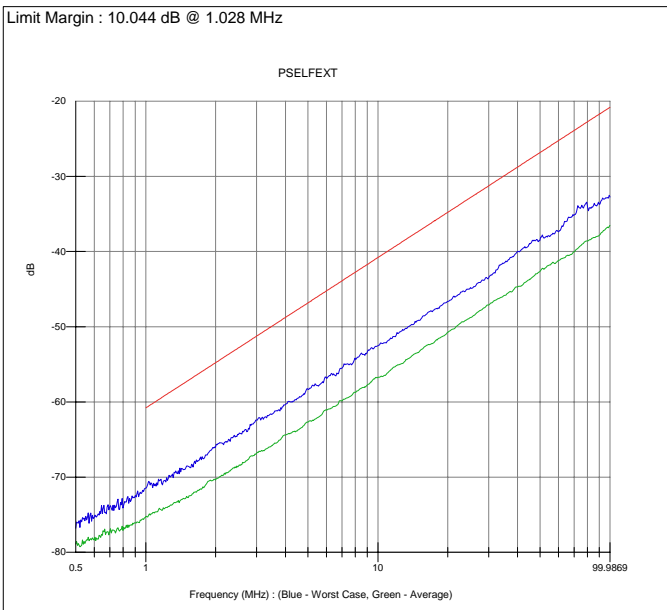


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ELFEXT			
Freq	Worst Case	Average	Spec
1.	74.9	94.9	63.8
4.	62.8	87.1	51.8
8.	56.8	82.5	45.7
10.	54.6	80.4	43.8
16.	50.7	77.6	39.7
20.	48.8	76.1	37.8
25.	46.9	73.5	35.8
31.25	45.0	70.9	33.9
62.5	39.0	62.9	27.9



PSELFEXT			
Freq	Worst Case	Average	Spec
1.	71.6	75.3	60.8
4.	60.4	64.4	48.8
8.	54.3	58.7	42.7
10.	52.5	56.7	40.8
16.	48.5	52.6	36.7
20.	46.6	50.8	34.8
25.	44.8	48.8	32.8
31.25	43.0	46.7	30.9
62.5	36.6	40.9	24.9