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Project Number: 3193544
Certificate of Conformance Number: 3153392CRT-001c

Date Issued: 10/29/2009

Test Report Number: 3193544CRT-040f



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. Charles Clauser

Mfg. Contact: Mr. Charles Clauser

Dear Mr. Charles Clauser;

Intertek is pleased to provide this letter report covering the testing of (1) one 4 Pair, 23 AWG, FTP, CMP, Plenum, Horizontal (solid) Cable, Part Number: 10167485. The sample was selected from your manufacturer facility, Nexans Inc. DBA Berk-Tek, by the Intertek Inspector Mr. Ronald Williams on 10/14/2009, for Q409 Quarterly Follow-up Testing.

The testing was performed at Intertek located in Cortland, NY on 10/21/2009, to the TIA-568-C.2 Category 6A specification and did comply with the applicable requirements of the specification.

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 for test summary results

Sincerely,

Antoine Pelletier
Engineer
Global Cabling Products Testing
Phone: (607) 758-6718
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John Cash
Technician
Global Cabling Products Testing
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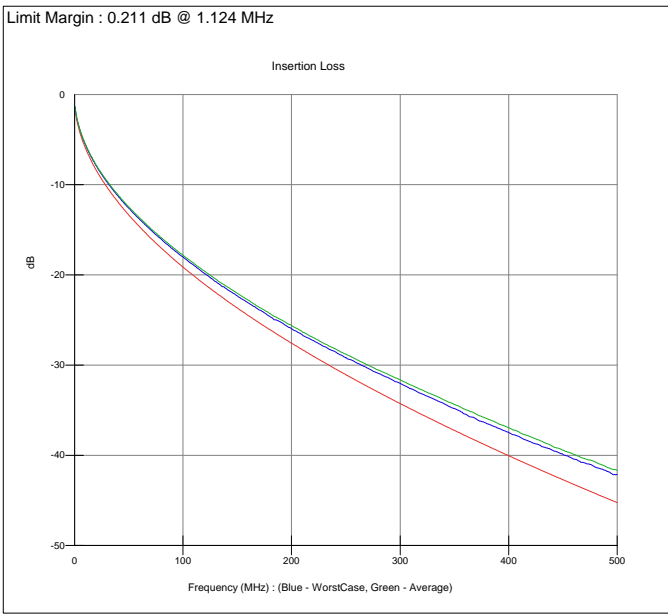
Appendix A

TIA Test Results

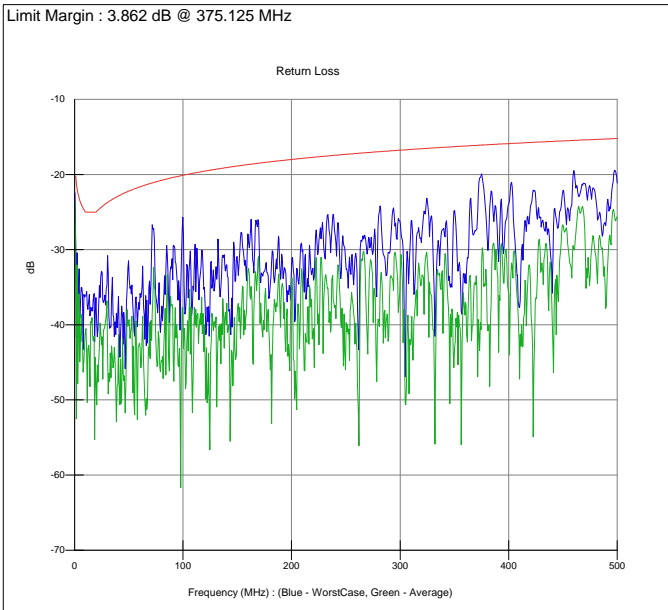


Summary

Client	Nexans INC. DBA Berk-Tek	Report No	3193544CRT-040f
Specification	TIA 568B2-10 - Augmented Cat 6 (Cable)		
Part No	10167485	Length(m)	100.
Test Started	10/21/2009 9:31:19 AM	Temperature	20 °C
Description	4x23 FTP-CMP-Solid	Appendix	A
Technician	John Cash	Test Status	Complies



Insertion Loss			
Freq	Worst Case	Average	Spec
1.	1.8	1.8	2.1
4.	3.5	3.5	3.8
8.	5.0	4.9	5.3
10.	5.6	5.5	5.9
16.	7.0	7.0	7.5
20.	7.9	7.8	8.4
25.	8.9	8.7	9.4
31.25	9.9	9.8	10.5
62.5	14.1	14.0	15.0
100.	18.0	17.8	19.1
250.	29.2	28.8	31.1
500.	42.1	41.7	45.3

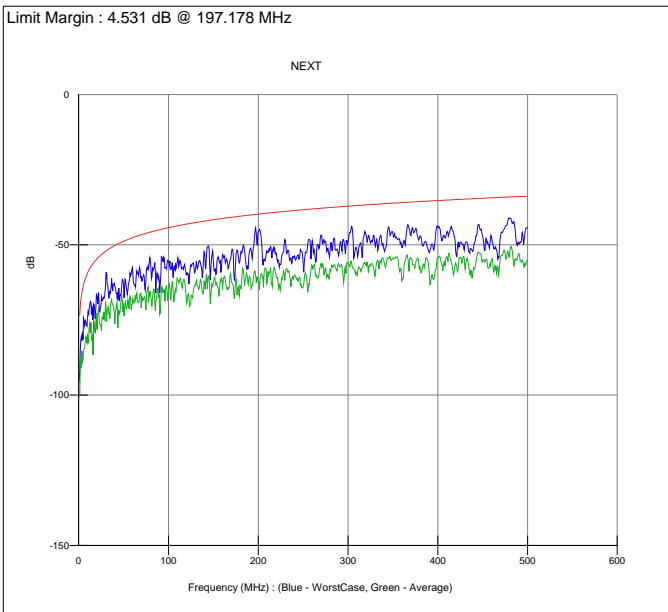


Return Loss			
Freq	Worst Case	Average	Spec
1.	28.2	29.4	20.1
4.	35.7	38.1	23.0
8.	43.2	46.3	24.5
10.	36.7	40.9	25.0
16.	38.1	39.2	25.0
20.	40.2	48.1	25.0
25.	32.9	42.4	24.3
31.25	35.1	48.5	23.6
62.5	34.0	40.5	21.5
100.	26.5	39.6	20.1
250.	32.1	42.2	17.3
500.	21.1	25.6	15.2

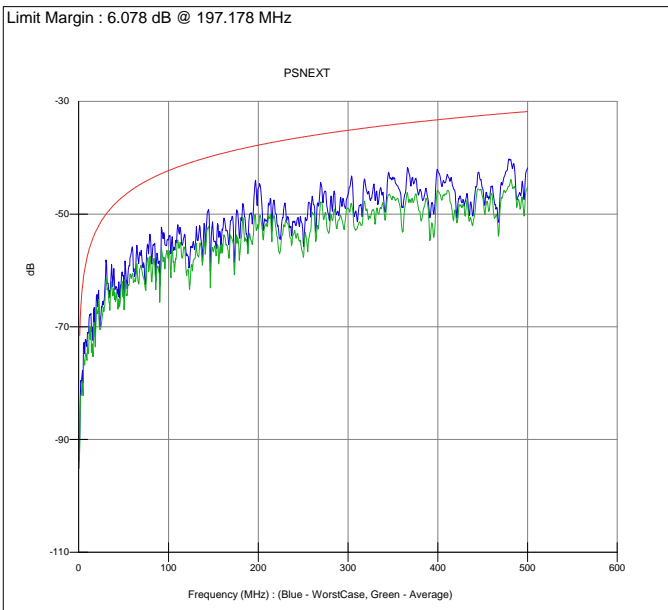


Summary

Client	Nexans INC. DBA Berk-Tek	Report No	3193544CRT-040f
Specification	TIA 568B2-10 - Augmented Cat 6 (Cable)		
Part No	10167485	Length(m)	100.
Test Started	10/21/2009 9:31:19 AM	Temperature	20 °C
Description	4x23 FTP-CMP-Solid	Appendix	A
Technician	John Cash	Test Status	Complies



NEXT			
Freq	Worst Case	Average	Spec
1.	93.7	99.9	74.1
4.	81.2	87.6	65.3
8.	75.9	80.7	60.8
10.	73.9	80.2	59.3
16.	74.4	85.5	56.2
20.	66.9	74.1	54.8
25.	69.8	77.4	53.3
31.25	60.2	74.7	51.9
62.5	63.6	68.2	47.4
100.	55.4	65.6	44.3
250.	55.9	64.1	38.3
500.	44.1	54.9	33.8

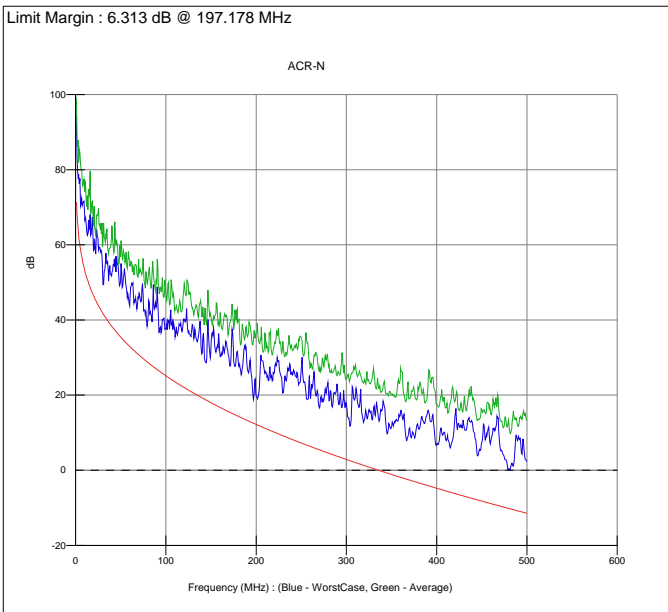


PSNEXT			
Freq	Worst Case	Average	Spec
1.	90.1	92.1	72.1
4.	78.2	80.1	63.3
8.	72.4	74.7	58.8
10.	71.1	73.7	57.3
16.	72.1	75.0	54.2
20.	64.5	66.9	52.8
25.	67.7	70.0	51.3
31.25	59.8	62.0	49.9
62.5	61.0	61.8	45.4
100.	54.5	57.6	42.3
250.	54.2	57.3	36.3
500.	41.8	45.1	31.8

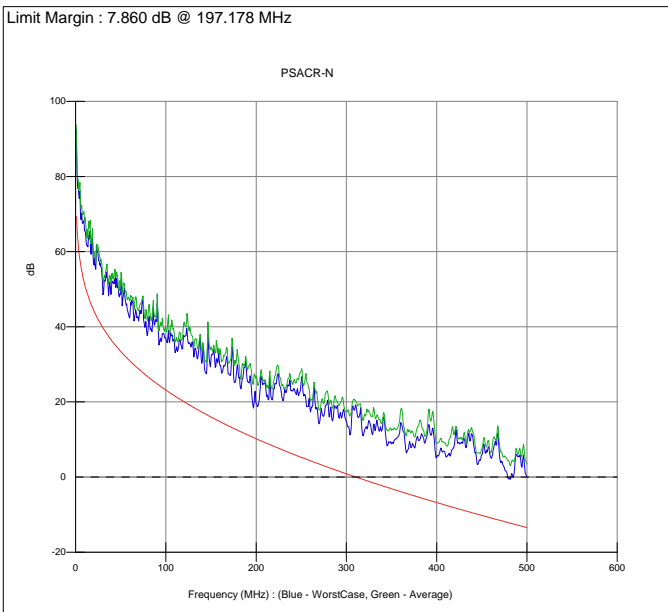


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Specification	TIA 568B2-10 - Augmented Cat 6 (Cable)		
Part No	10167485	Length(m)	100.
Test Started	10/21/2009 9:31:19 AM	Temperature	20 °C
Description	4x23 FTP-CMP-Solid	Appendix	A
Technician	John Cash	Test Status	Complies



ACR-N			
Freq	Worst Case	Average	Spec
1.	91.9	98.1	72.0
4.	77.8	84.1	61.5
8.	71.0	75.8	55.4
10.	68.4	74.7	53.4
16.	67.4	78.6	48.8
20.	59.1	66.3	46.4
25.	61.0	68.6	44.0
31.25	50.3	64.9	41.4
62.5	49.7	54.3	32.4
100.	37.7	47.8	25.2
250.	26.9	35.3	7.3
500.	2.3	13.2	-11.4

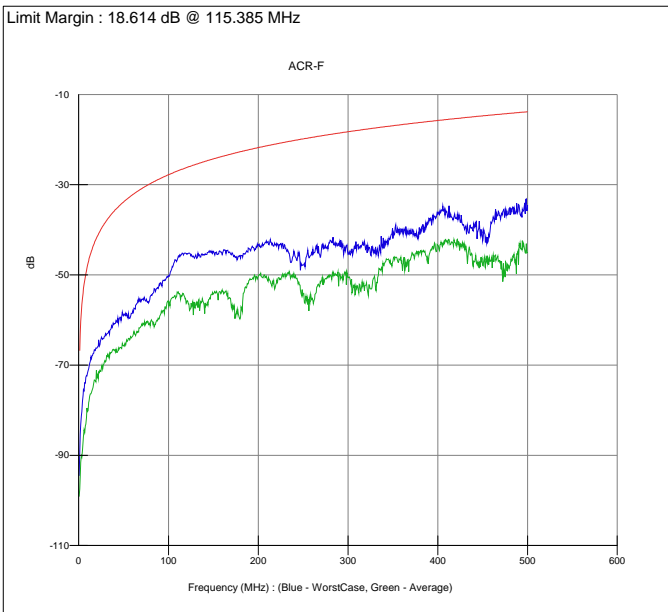


PSACR-N			
Freq	Worst Case	Average	Spec
1.	88.3	90.3	70.0
4.	74.7	76.6	59.5
8.	67.6	69.8	53.4
10.	65.6	68.2	51.4
16.	65.2	68.1	46.8
20.	56.8	59.1	44.4
25.	59.1	61.2	42.0
31.25	50.1	52.2	39.4
62.5	46.9	47.8	30.4
100.	36.9	39.7	23.2
250.	25.7	28.5	5.3
500.	0.1	3.5	-13.4

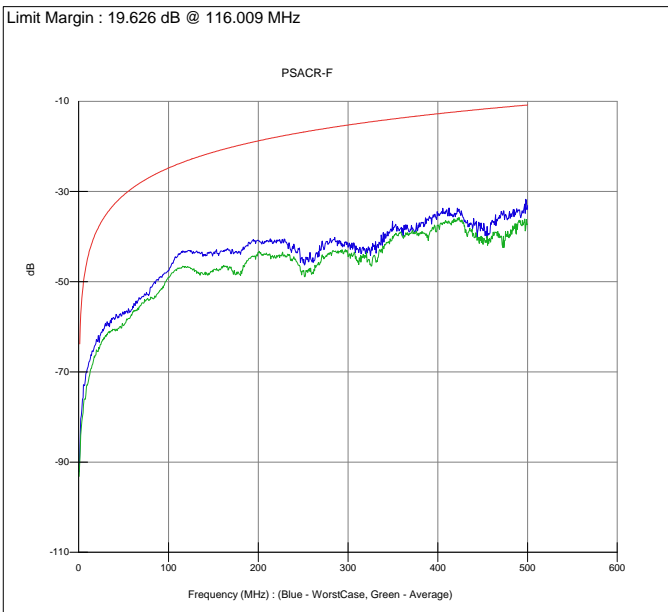


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Specification	TIA 568B2-10 - Augmented Cat 6 (Cable)		
Part No	10167485	Length(m)	100.
Test Started	10/21/2009 9:31:19 AM	Temperature	20 °C
Description	4x23 FTP-CMP-Solid	Appendix	A
Technician	John Cash	Test Status	Complies



ACR-F			
Freq	Worst Case	Average	Spec
1.	90.5	97.9	67.5
4.	79.1	89.5	55.8
8.	72.7	83.1	49.7
10.	71.7	80.3	47.8
16.	67.6	75.0	43.7
20.	66.3	71.5	41.8
25.	64.2	71.2	39.8
31.25	63.1	68.0	37.9
62.5	57.5	63.2	31.9
100.	50.3	56.2	27.8
250.	47.9	54.2	19.8
500.	34.5	45.0	13.8

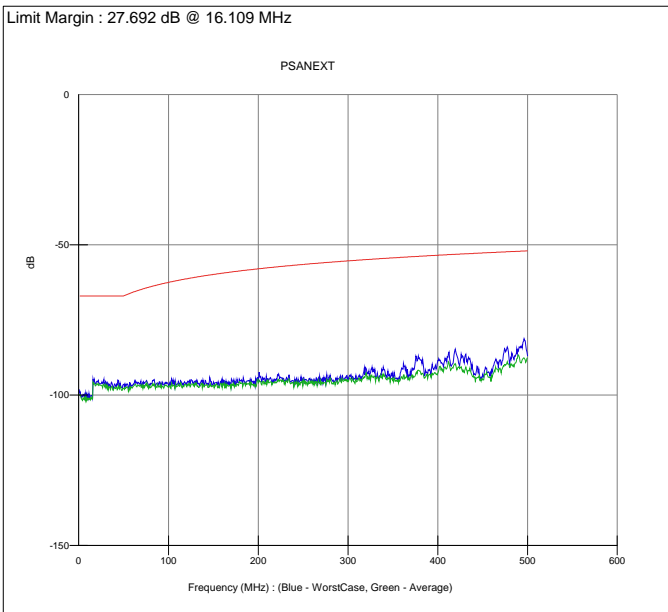


PSACR-F			
Freq	Worst Case	Average	Spec
1.	89.0	90.7	64.5
4.	77.0	80.3	52.8
8.	70.4	75.1	46.7
10.	69.2	72.8	44.8
16.	65.5	68.0	40.7
20.	62.9	65.2	38.8
25.	61.3	63.8	36.8
31.25	59.3	61.7	34.9
62.5	55.2	56.5	28.9
100.	47.6	49.1	24.8
250.	45.7	47.7	16.8
500.	33.1	37.2	10.8

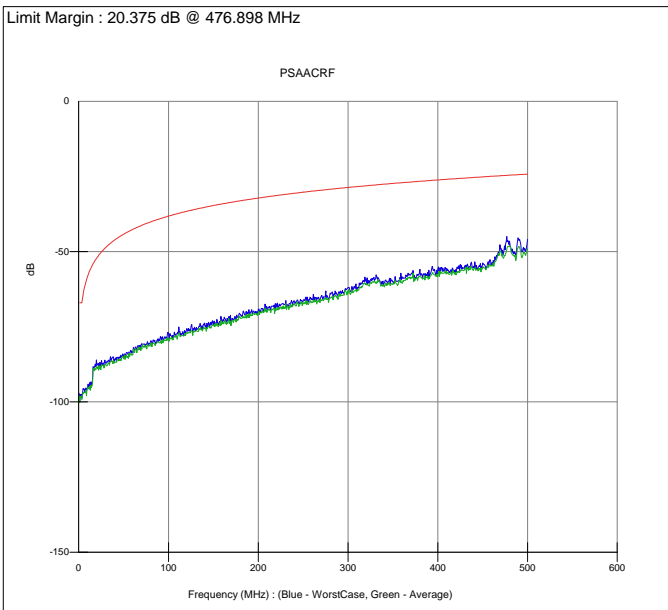


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Technician	John Cash	Test Status	Complies



PSANEXT			
Freq	Worst Case	Average	Spec
1.	99.0	99.9	67.0
4.	100.8	101.7	67.0
8.	99.2	100.5	67.0
10.	101.0	101.4	67.0
16.	95.9	96.7	67.0
20.	95.8	96.3	67.0
25.	96.2	96.7	67.0
31.25	96.6	97.1	67.0
62.5	95.4	96.6	65.6
100.	96.7	97.4	62.5
250.	95.0	96.3	56.5
500.	87.0	87.6	52.0

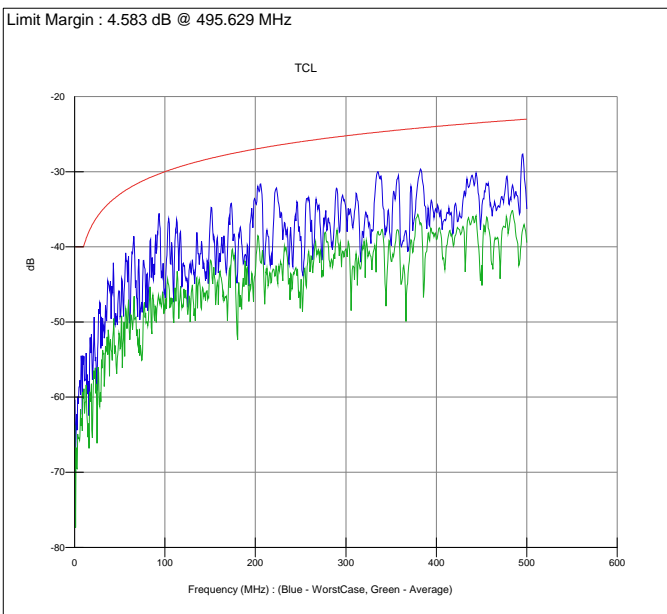


PSAACRF			
Freq	Worst Case	Average	Spec
1.	99.3	99.8	67.0
4.	97.9	98.3	66.2
8.	95.4	96.2	60.1
10.	95.1	95.5	58.2
16.	89.0	89.9	54.1
20.	86.5	88.4	52.2
25.	88.1	88.9	50.2
31.25	87.3	88.0	48.3
62.5	82.7	83.3	42.3
100.	77.1	79.2	38.2
250.	66.4	67.2	30.2
500.	45.9	49.0	24.2

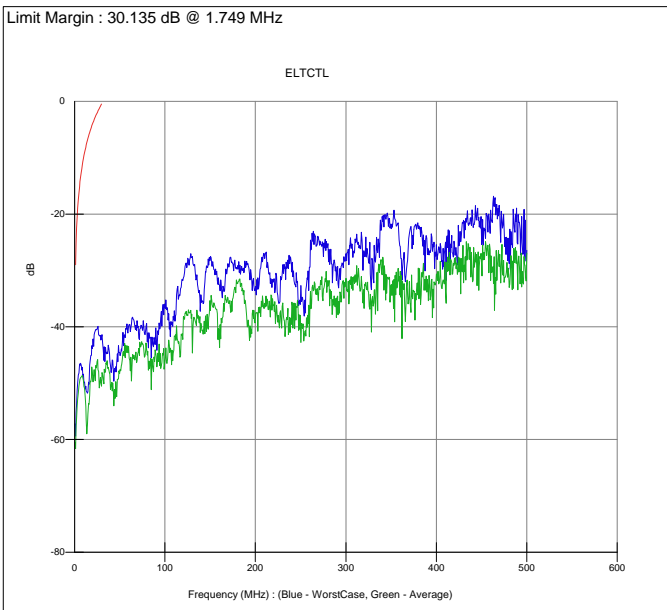


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Description	4x23 FTP-CMP-Solid	Appendix	A
Technician	John Cash	Test Status	Complies



TCL			
Freq	Worst Case	Average	Spec
1.	67.7	74.6	40.0
4.	60.5	65.3	40.0
8.	56.2	62.9	40.0
10.	55.4	59.9	40.0
16.	61.7	66.3	38.0
20.	58.7	64.2	37.0
25.	59.1	64.5	36.0
31.25	51.0	53.9	35.1
62.5	44.7	49.1	32.0
100.	46.2	47.9	30.0
250.	38.9	45.9	26.0
500.	35.0	39.4	23.0



ELTCTL			
Freq	Worst Case	Average	Spec
1.	59.1	61.4	29.7
4.	49.1	52.1	18.0
8.	47.7	48.8	11.9
10.	48.7	49.8	10.0
16.	50.2	53.7	5.9
20.	43.5	48.6	4.0
25.	40.4	46.1	2.0
31.25	43.2	48.7	
62.5	40.1	46.7	
100.	36.2	46.0	
250.	34.1	40.8	
500.	26.5	26.9	