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Project Number: G100283649
Certificate of Conformance Number: 3153392CRT-001c

Date Issued: 10/24/2011

Test Report Number: G100283649CRT-012f



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, 23 AWG, FTP, CMP, Plenum, Horizontal (solid) Cable, Part Number: 10143424. The sample was selected from your manufacturer facility, Nexans Inc. DBA Berk-Tek, by the Intertek Inspector Mr. Ronald Williams on 10/13/2011, for Q411 Quarterly Follow-up Testing.

The testing was performed at Intertek located in Cortland, NY on 10/24/2011, to the TIA-568-C.2 Category 6A 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
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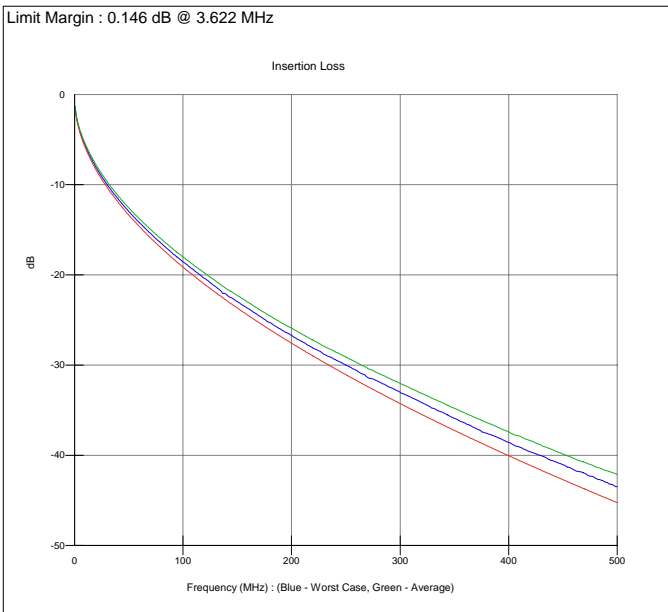
Appendix A

Test Results

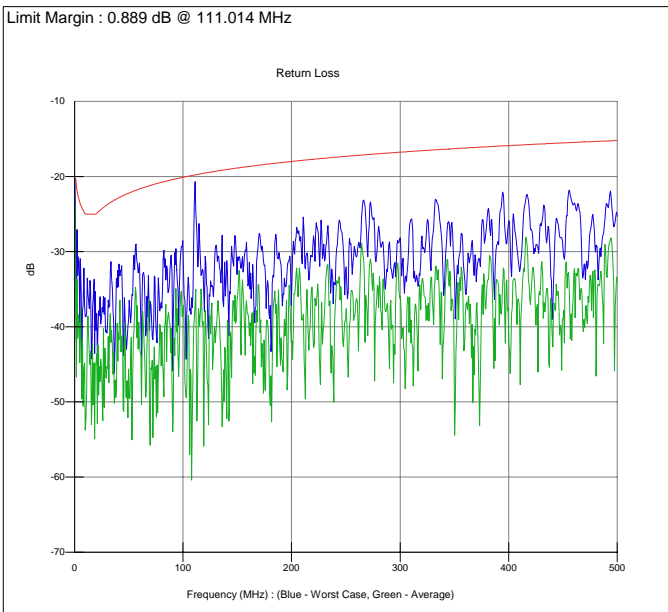


Summary

Client	Nexans Inc. DBA Berk-Tek	Report No	100283649CRT-012f
Specification	TIA-568-C2 - Cat 6A Cable	Length(m)	100.
Part No	10143424	Temperature	20 °C
Test Started	10/24/2011 10:14:14 AM	Appendix	A
Description	4x23 FTP-CMP-Solid	Test Status	Complies
Technician	John Cash		



Insertion Loss			
Freq	Worst Case	Average	Spec
1.	1.9	1.8	2.1
4.	3.6	3.5	3.8
8.	5.1	4.9	5.3
10.	5.7	5.5	5.9
16.	7.2	7.0	7.5
20.	8.1	7.8	8.4
25.	9.1	8.8	9.4
31.25	10.2	9.9	10.5
62.5	14.5	14.1	15.0
100.	18.5	18.0	19.1
250.	30.0	29.1	31.1
500.	43.5	42.1	45.3

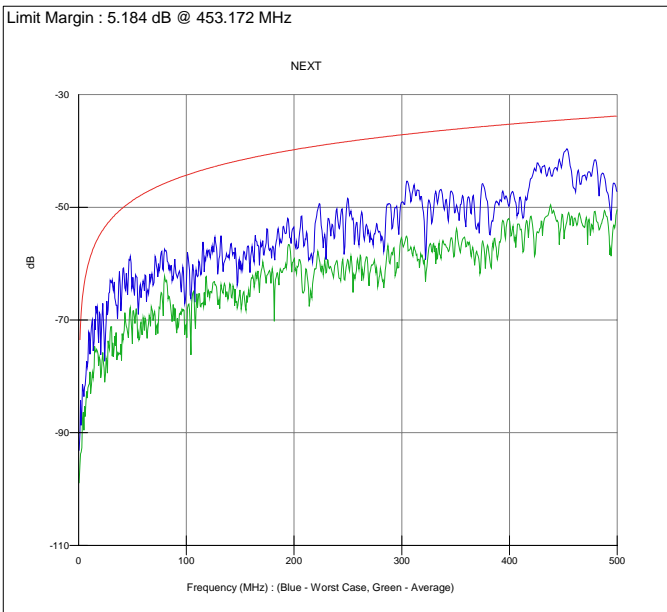


Return Loss			
Freq	Worst Case	Average	Spec
1.	28.5	30.9	20.1
4.	32.2	39.2	23.0
8.	37.0	50.5	24.5
10.	38.6	53.4	25.0
16.	43.3	50.0	25.0
20.	39.9	44.6	25.0
25.	39.5	46.3	24.3
31.25	36.7	42.8	23.6
62.5	34.8	41.4	21.5
100.	29.9	37.7	20.1
250.	32.2	38.2	17.3
500.	25.3	34.0	15.2

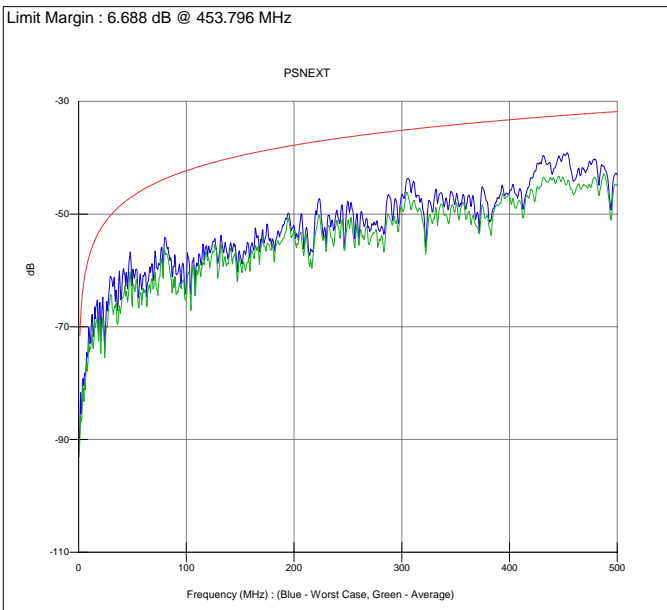


Summary

Client	Nexans Inc. DBA Berk-Tek	Report No	100283649CRT-012f
Specification	TIA-568-C2 - Cat 6A Cable	Length(m)	100.
Part No	10143424	Temperature	20 °C
Test Started	10/24/2011 10:14:14 AM	Appendix	A
Description	4x23 FTP-CMP-Solid	Test Status	Complies
Technician	John Cash		



NEXT			
Freq	Worst Case	Average	Spec
1.	91.9	96.4	74.1
4.	83.5	86.8	65.3
8.	78.4	83.8	60.8
10.	73.5	80.8	59.3
16.	68.3	75.7	56.2
20.	72.0	77.9	54.8
25.	72.2	78.9	53.3
31.25	63.2	75.8	51.9
62.5	63.6	70.7	47.4
100.	63.4	71.7	44.3
250.	48.5	59.4	38.3
500.	47.2	50.4	33.8

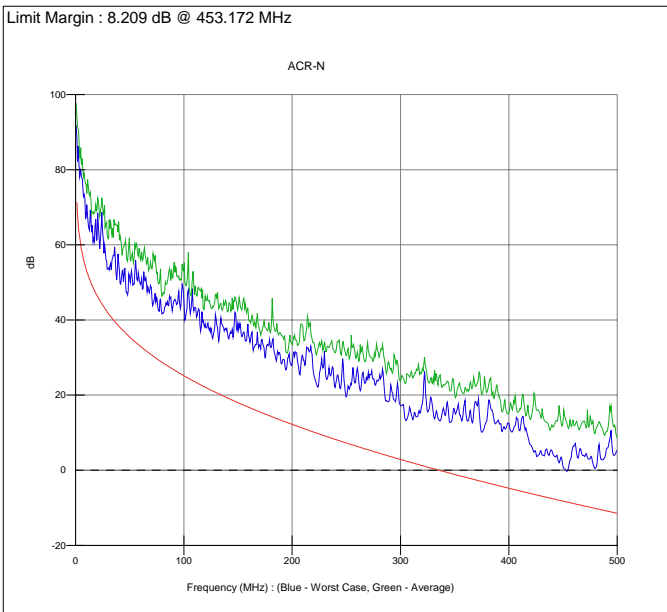


PSNEXT			
Freq	Worst Case	Average	Spec
1.	88.9	90.5	72.1
4.	79.9	81.1	63.3
8.	75.4	77.9	58.8
10.	71.4	74.3	57.3
16.	67.0	69.7	54.2
20.	67.6	70.2	52.8
25.	69.9	72.3	51.3
31.25	62.2	66.9	49.9
62.5	62.1	64.6	45.4
100.	61.6	64.7	42.3
250.	47.9	51.2	36.3
500.	43.1	44.9	31.8

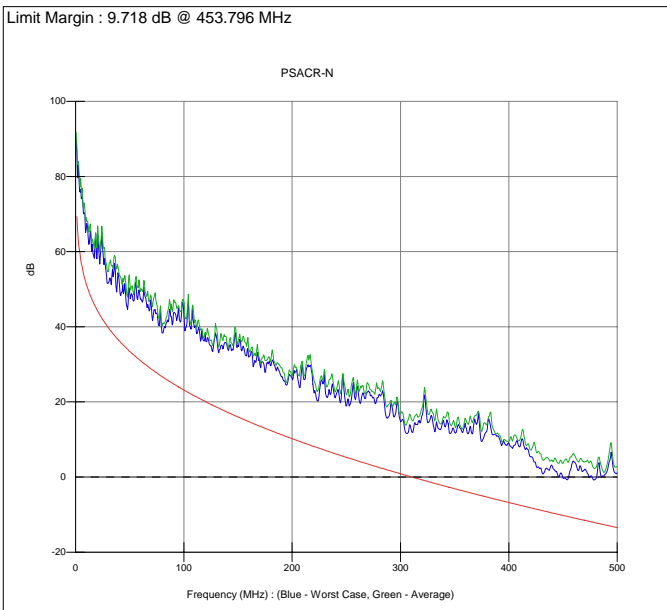


Summary

Client	Nexans Inc. DBA Berk-Tek	Report No	100283649CRT-012f
Specification	TIA-568-C2 - Cat 6A Cable	Length(m)	100.
Part No	10143424	Temperature	20 °C
Test Started	10/24/2011 10:14:14 AM	Appendix	A
Description	4x23 FTP-CMP-Solid	Test Status	Complies
Technician	John Cash		



ACR-N			
Freq	Worst Case	Average	Spec
1.	90.4	94.7	72.0
4.	80.3	83.4	61.5
8.	73.5	79.0	55.4
10.	68.2	75.5	53.4
16.	61.6	68.8	48.8
20.	64.5	70.2	46.4
25.	63.7	70.3	44.0
31.25	53.5	66.1	41.4
62.5	49.7	56.8	32.4
100.	45.5	53.8	25.2
250.	19.6	30.5	7.3
500.	5.3	8.6	-11.4

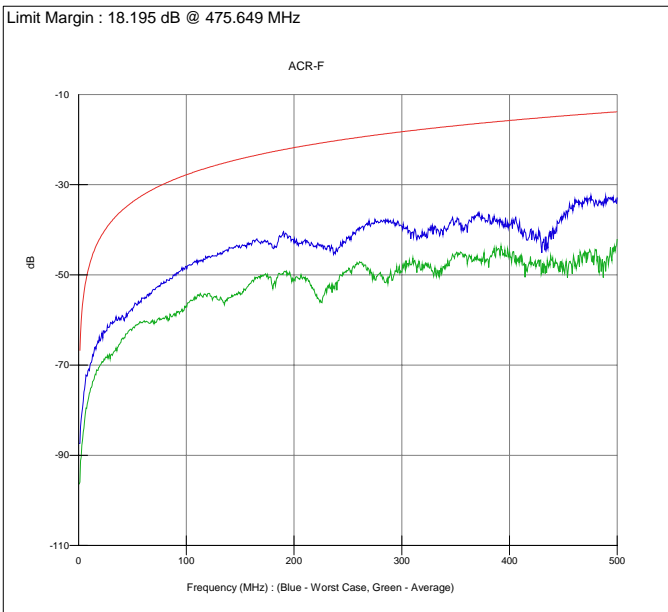


PSACR-N			
Freq	Worst Case	Average	Spec
1.	87.0	88.7	70.0
4.	76.7	77.6	59.5
8.	70.4	73.0	53.4
10.	66.1	68.8	51.4
16.	60.0	62.7	46.8
20.	60.0	62.4	44.4
25.	61.3	63.5	42.0
31.25	52.4	57.0	39.4
62.5	48.2	50.5	30.4
100.	43.6	46.7	23.2
250.	19.0	22.0	5.3
500.	1.1	2.8	-13.4

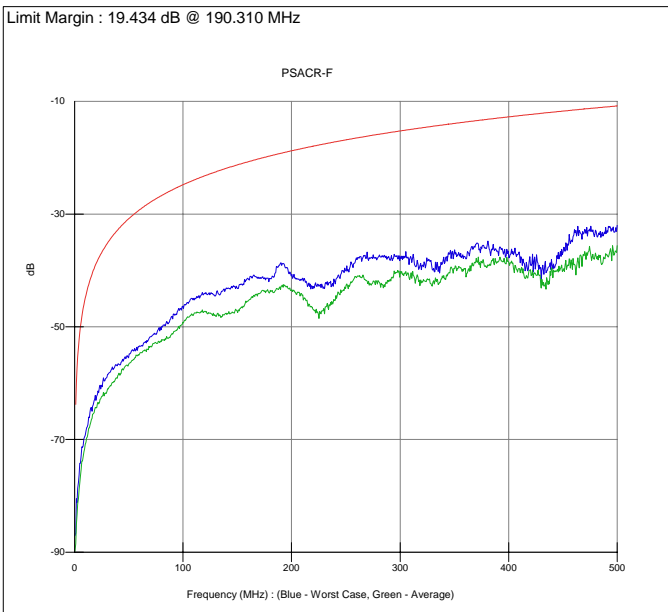


Summary

Client	Nexans Inc. DBA Berk-Tek	Report No	100283649CRT-012f
Specification	TIA-568-C2 - Cat 6A Cable	Length(m)	100.
Part No	10143424	Temperature	20 °C
Test Started	10/24/2011 10:14:14 AM	Appendix	A
Description	4x23 FTP-CMP-Solid	Test Status	Complies
Technician	John Cash		



ACR-F			
Freq	Worst Case	Average	Spec
1.	87.4	96.0	67.5
4.	78.6	85.6	55.8
8.	72.4	78.6	49.7
10.	71.0	76.2	47.8
16.	66.6	72.1	43.7
20.	64.6	70.0	41.8
25.	62.6	68.2	39.8
31.25	60.7	67.8	37.9
62.5	55.1	60.4	31.9
100.	48.3	56.9	27.8
250.	41.9	49.0	19.8
500.	32.8	42.1	13.8

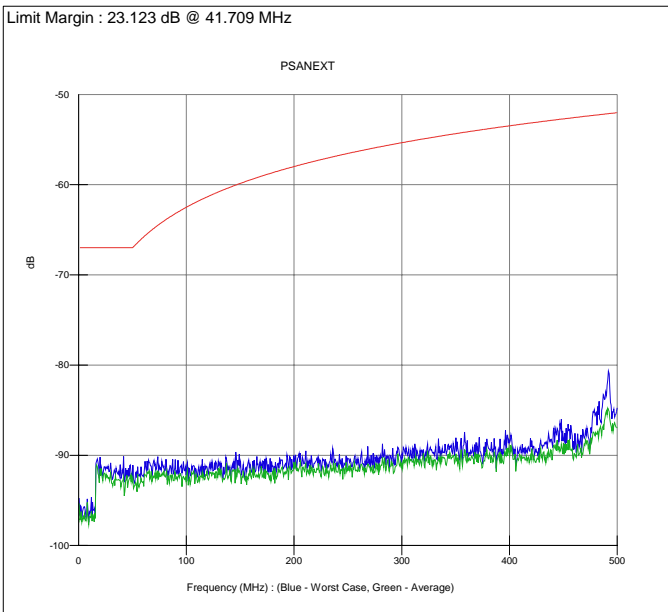


PSACR-F			
Freq	Worst Case	Average	Spec
1.	86.7	88.7	64.5
4.	76.8	79.5	52.8
8.	71.1	73.1	46.7
10.	69.1	70.8	44.8
16.	64.9	66.3	40.7
20.	62.9	64.3	38.8
25.	60.4	62.4	36.8
31.25	58.4	61.0	34.9
62.5	53.3	54.6	28.9
100.	46.5	49.3	24.8
250.	40.1	42.9	16.8
500.	32.0	35.6	10.8

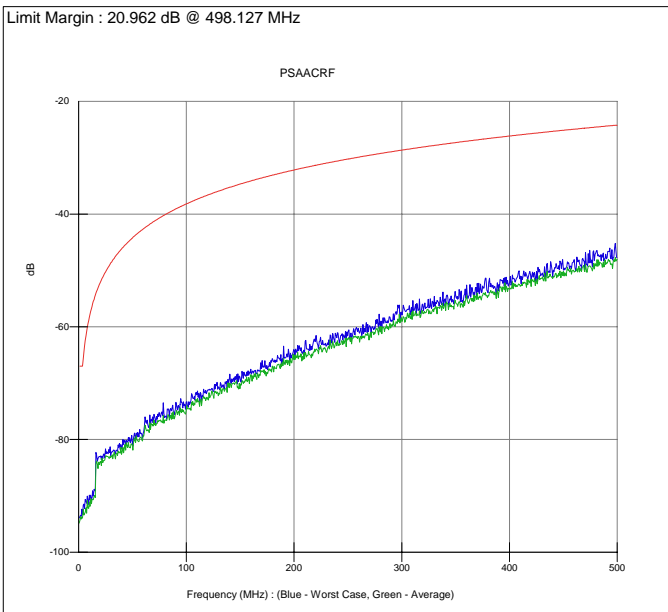


Summary

Client	Nexans Inc. DBA Berk-Tek	Report No	100283649CRT-012f
Specification	TIA-568-C2 - Cat 6A Cable	Length(m)	100.
Part No	10143424	Temperature	20 °C
Test Started	10/24/2011 10:14:14 AM	Appendix	A
Description	4x23 FTP-CMP-Solid	Test Status	Complies
Technician	John Cash		



PSANEXT			
Freq	Worst Case	Average	Spec
1.	96.3	96.8	67.0
4.	96.2	96.9	67.0
8.	94.9	95.3	67.0
10.	96.3	96.8	67.0
16.	92.1	92.5	67.0
20.	90.9	91.6	67.0
25.	91.5	92.5	67.0
31.25	92.7	93.2	67.0
62.5	91.7	92.3	65.6
100.	92.1	92.6	62.5
250.	90.6	91.6	56.5
500.	84.7	87.0	52.0

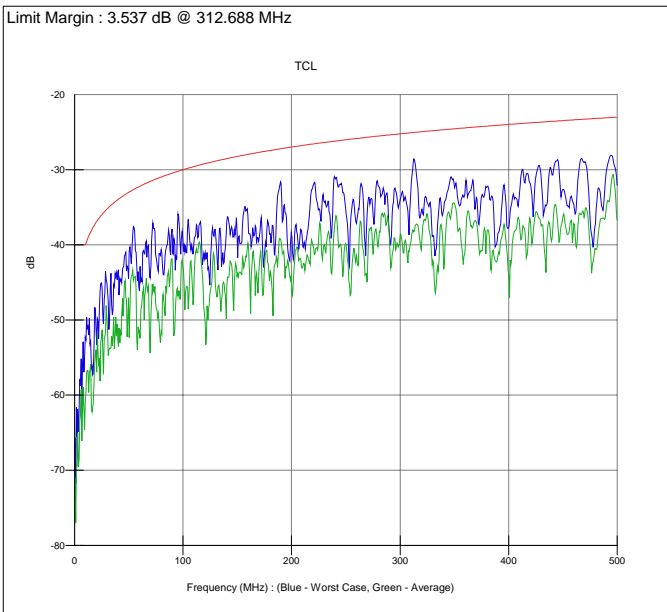


PSAACRF			
Freq	Worst Case	Average	Spec
1.	93.9	94.5	67.0
4.	92.5	93.0	66.2
8.	90.1	90.8	60.1
10.	90.0	91.2	58.2
16.	83.8	85.4	54.1
20.	83.2	84.0	52.2
25.	82.1	82.9	50.2
31.25	82.2	82.9	48.3
62.5	77.0	78.1	42.3
100.	73.9	74.6	38.2
250.	61.1	62.2	30.2
500.	47.6	48.0	24.2

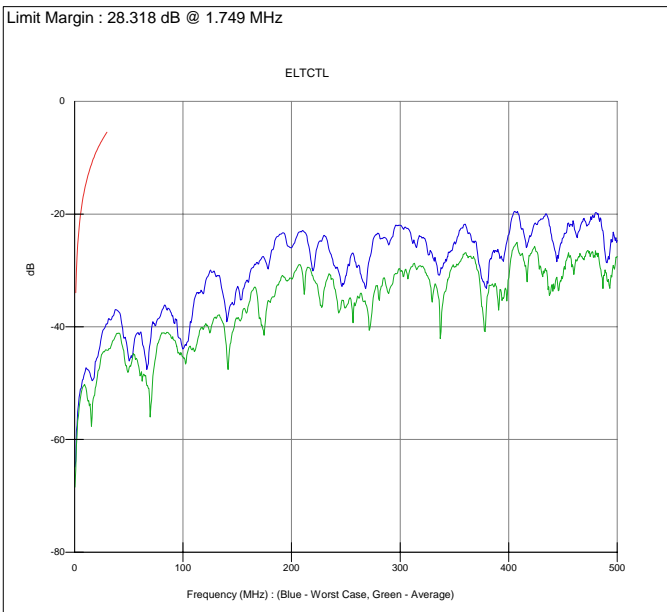


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Specification	TIA-568-C2 - Cat 6A Cable	Length(m)	100.
Part No	10143424	Temperature	20 °C
Test Started	10/24/2011 10:14:14 AM	Appendix	A
Description	4x23 FTP-CMP-Solid	Test Status	Complies
Technician	John Cash		



TCL			
Freq	Worst Case	Average	Spec
1.	71.3	75.8	40.0
4.	64.1	68.9	40.0
8.	52.9	59.0	40.0
10.	52.4	60.8	40.0
16.	58.0	62.1	38.0
20.	52.6	54.6	37.0
25.	45.2	52.1	36.0
31.25	48.5	54.6	35.1
62.5	43.7	46.9	32.0
100.	40.1	43.0	30.0
250.	35.6	39.9	26.0
500.	32.1	36.7	23.0



ELTCTL			
Freq	Worst Case	Average	Spec
1.	64.5	66.0	34.7
4.	53.0	54.9	23.0
8.	49.3	50.6	16.9
10.	47.8	50.6	15.0
16.	49.5	56.4	10.9
20.	46.0	50.3	9.0
25.	41.5	44.9	7.0
31.25	38.7	44.1	
62.5	42.7	49.4	
100.	43.9	45.4	
250.	30.9	36.5	
500.	24.7	27.5	