

# Molex India Private Ltd

## LETTER REPORT

**SCOPE OF WORK**

Performance testing of a 100Ω, 4-pair telecommunication cable electrical transmission performance to the requirements of ANSI/TIA-568-C.2 for Category 6 horizontal cable.

**REPORT NUMBER**

103574967CRT-001g

**ISSUE DATE**

20-August-2018

**REVISED DATE**

None

**TESTS START DATE**

18-August-2018

**TESTS END DATE**

18-August-2018

**PAGES**

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## LETTER REPORT

20-August-2018

Intertek Report No. 103574967CRT-001g

Intertek Project No. G103574967

Mr. H N Guruprasad  
Molex India Private Ltd  
#6A, Sadaramangala Industrial Area  
Kadugodi, Bengaluru, Karnataka 560067  
India

**Subject:** Performance testing of CAA-00267 cable per ANSI/TIA-568-C.2

Dear Mr. Guruprasad:

This letter report represents the results of our evaluation of the above referenced product to the requirements contained in the following document(s):

*ANSI/TIA-568-C.2-2009, Balanced Twisted-Pair Telecommunications Cabling and Components Standards, dated August 2009*

### SECTION 1 SUMMARY

Intertek wishes to inform you that the electrical transmission tests have been performed on the cable referenced above. This testing was performed under project G103574967 and quotation CE-QUO-BAN-18-000790 issued 24-April-2018. Compliant results were obtained for the relevant tests contained in ANSI/TIA-568-C.2 section 6.4 for horizontal cable transmission performance.

### SECTION 2 NON-CONFORMANCES

None

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**LETTER REPORT**

**SECTION 3  
TESTING**

The tables below represent a summary of the tests and results. The detailed test data is enclosed to this letter report.

Test description	ANSI/TIA-568-C.2 section	Result
DC resistance	6.4.1	Compliant
DC resistance unbalance	6.4.2	Compliant
Mutual Capacitance	6.4.3	Compliant
Capacitance unbalance: pair-to-ground	6.4.4	Compliant
Characteristic impedance and structural return loss	6.4.5	Compliant
Return Loss	6.4.6	Compliant
Insertion loss	6.4.7	Compliant
NEXT loss	6.4.8	Compliant
PSNEXT loss	6.4.9	Compliant
FEXT loss	6.4.10	Compliant
ACRF	6.4.11	Compliant
PSFEXT loss	6.4.12	Compliant
PSACRF	6.4.13	Compliant
TCL	6.4.14	Compliant
TCTL	6.4.15	Compliant
ELTCTL	6.4.16	Compliant
Coupling attenuation (screened only)	6.4.17	Not applicable
Propagation delay	6.4.18	Compliant
Propagation delay skew	6.4.19	Compliant
Surface transfer impedance (screened only)	6.4.20	Not applicable
ANEXT loss	6.4.21	Not applicable
PSANEXT loss	6.4.22	Not applicable
Average PSANEXT loss	6.4.23	Not applicable
AFEXT loss	6.4.24	Not applicable
PSAFEXT loss	6.4.25	Not applicable
PSAACRF	6.4.26	Not applicable
Average PSAACRF	6.4.27	Not applicable

Test equipment used	Model number	Control number	Calibration due date
Keysight Network Analyzer	E5080A	J387	27-October-2018
Keysight LCR Meter	4263B	N967	27-October-2018
Temperature/humidity meter	OM-EL-USB-2-LCD	H243	19-March-2019

## LETTER REPORT

### SECTION 4

#### SAMPLE DESCRIPTION

The client submitted a Category 6, 4-Pair, 23 AWG, U/UTP, LSZH, horizontal (solid) cable identified as part number CAA-00267. The sample was received on 15-June-2018 and was a production sample in undamaged condition.

### SECTION 5

#### PROJECT STATUS & ACTION

Issuance of this letter report completes the performance testing of this cable electrical transmission performance per ANSI/TIA-568-C.2 covered by Intertek Project No. G103574967 and quotation CE-QUO-BAN-18-000790. The test results are compliant with the requirements of the standard and sections referred to on pages 2 and 3. The testing was performed at Intertek located in Cortland, NY.

If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact your dedicated Intertek Project Manager.

Completed by:	David Ayers	Reviewed by:	Antoine Pelletier
Title:	Technician	Title:	Project Engineer
Signature:		Signature:	
Date:	20-August-2018	Date:	20-August-2018

Please note: this Letter Report does not represent authorization for the use of any Intertek certification marks.



## Low Frequency Report

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

### DC Resistance (Ohms)

Blue	Orange	Green	Brown	Limit (Ohms)
7.7837	7.5877	7.7583	7.5352	9.3800
7.8015	7.5684	7.6952	7.4661	9.3800

### Resistance Unbalanced (%)

Blue	Orange	Green	Brown	Limit (%)
0.23	0.26	0.82	0.93	5.00

### Resistance Unbalanced Pair-Pair (%)

Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown	Limit (%)
1.40	0.43	1.91	0.97	0.51	1.49	

### Capacitance Unbalance Pair-Ground (pF/100m)

Blue	Orange	Green	Brown	Limit (PF/100m)
31.59	51.38	7.04	3.59	330.00

### Mutual Capacitance (nF/100m)

Blue	Orange	Green	Brown	Limit (nF/100m)
4.99	4.64	4.79	4.49	



## Insertion Loss

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

Insertion Loss (dB)					
Freq (MHz)	Limit	Blue	Orange	Green	Brown
1.	-2.07	-1.77	-1.69	-1.69	-1.65
4.	-3.78	-3.69	-3.49	-3.54	-3.41
8.	-5.32	-5.24	-4.96	-5.04	-4.85
10.	-5.95	-5.87	-5.56	-5.65	-5.43
16.	-7.55	-7.46	-7.05	-7.19	-6.90
20.	-8.47	-8.36	-7.90	-8.06	-7.74
25.	-9.51	-9.37	-8.86	-9.03	-8.67
31.25	-10.67	-10.50	-9.93	-10.13	-9.72
62.5	-15.38	-14.94	-14.15	-14.44	-13.89
100.	-19.80	-19.06	-17.99	-18.41	-17.68
155.	-25.16	-23.92	-22.59	-23.10	-22.15
200.	-28.98	-27.30	-25.81	-26.40	-25.30
250.	-32.83	-30.66	-28.99	-29.62	-28.44
300.		-33.71	-31.85	-32.60	-31.33
350.		-36.57	-34.52	-35.31	-33.96
400.		-39.35	-37.12	-38.01	-36.50
450.		-41.87	-39.55	-40.49	-38.87
500.		-44.22	-41.98	-42.79	-41.14
550.		-46.46	-44.08	-45.07	-43.33
600.		-48.82	-46.15	-47.17	-45.43
650.		-50.92	-48.27	-49.30	-47.32
700.		-52.95	-50.35	-51.02	-49.25



## NEXT - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

NEXT - Near End (dB)							
Freq (MHz)	Limit	Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown
1.	-73.60	-87.00	-96.11	-98.74	-94.56	-91.49	-92.61
4.	-65.27	-82.95	-95.61	-99.74	-93.01	-89.15	-83.07
8.	-60.76	-85.55	-90.29	-83.37	-76.07	-87.36	-86.33
10.	-59.30	-74.74	-87.55	-80.63	-73.99	-90.77	-73.16
16.	-56.24	-79.07	-99.23	-84.46	-70.66	-79.76	-73.45
20.	-54.79	-74.59	-81.96	-82.86	-77.35	-76.51	-73.20
25.	-53.33	-68.62	-83.93	-86.61	-73.95	-71.83	-72.93
31.25	-51.88	-67.00	-99.58	-102.79	-67.02	-73.24	-73.34
62.5	-47.36	-60.80	-85.14	-80.40	-62.44	-75.55	-69.46
100.	-44.30	-64.04	-82.89	-67.57	-64.18	-73.47	-67.42
155.	-41.45	-61.79	-78.97	-66.46	-59.16	-70.78	-62.11
200.	-39.78	-62.22	-73.01	-65.02	-57.20	-65.72	-60.11
250.	-38.34	-72.25	-79.06	-62.29	-56.30	-74.41	-71.86
300.		-63.47	-71.06	-70.65	-56.70	-63.84	-52.75
350.		-70.80	-70.59	-62.06	-59.75	-59.77	-56.23
400.		-63.58	-73.50	-55.93	-51.33	-56.40	-51.40
450.		-57.76	-56.46	-63.59	-45.82	-55.29	-55.32
500.		-67.48	-62.92	-72.43	-41.68	-55.54	-58.70
550.		-50.82	-61.45	-56.92	-50.26	-54.25	-50.81
600.		-51.64	-52.54	-56.81	-45.81	-58.24	-51.90
650.		-56.23	-53.32	-52.62	-40.96	-57.35	-44.61
700.		-61.97	-51.71	-54.56	-41.84	-50.55	-48.95



## NEXT - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

NEXT - Far End (dB)							
Freq (MHz)	Limit	Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown
1.	-73.60	-88.65	-106.77	-110.54	-91.88	-95.46	-94.80
4.	-65.27	-81.26	-97.18	-102.59	-85.61	-91.73	-81.20
8.	-60.76	-78.20	-93.57	-84.67	-78.59	-86.35	-77.10
10.	-59.30	-81.89	-87.49	-83.91	-75.54	-82.85	-73.74
16.	-56.24	-70.71	-92.32	-74.95	-72.93	-79.45	-73.11
20.	-54.79	-76.78	-91.32	-76.55	-85.09	-77.90	-72.31
25.	-53.33	-78.66	-81.23	-92.76	-72.24	-74.18	-71.39
31.25	-51.88	-73.74	-90.66	-72.73	-72.95	-74.48	-68.10
62.5	-47.36	-64.10	-85.77	-70.48	-67.89	-82.04	-64.69
100.	-44.30	-64.52	-75.05	-65.38	-65.46	-80.59	-69.29
155.	-41.45	-58.42	-78.19	-65.56	-58.07	-71.27	-60.54
200.	-39.78	-60.73	-66.48	-58.33	-59.45	-61.64	-58.84
250.	-38.34	-51.55	-67.26	-65.31	-56.31	-62.52	-61.19
300.		-64.50	-68.69	-53.41	-56.91	-63.01	-66.28
350.		-61.40	-66.74	-52.35	-52.64	-85.15	-56.28
400.		-50.85	-62.45	-55.73	-54.19	-60.68	-57.85
450.		-59.58	-56.83	-55.95	-49.52	-62.58	-57.16
500.		-51.79	-53.14	-57.46	-42.41	-50.98	-54.15
550.		-48.58	-53.93	-53.94	-50.04	-65.98	-55.97
600.		-51.65	-54.70	-53.97	-43.44	-55.88	-57.55
650.		-66.48	-51.59	-55.74	-48.95	-60.41	-55.70
700.		-55.32	-48.14	-51.38	-40.32	-49.03	-58.17





## PSNEXT - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

PSNEXT - Near End (dB)					
Freq (MHz)	Limit	Blue	Orange	Green	Brown
1.	-71.60	-86.21	-85.08	-89.32	-88.46
4.	-63.27	-82.63	-81.68	-82.44	-82.04
8.	-58.76	-80.14	-74.83	-74.62	-78.92
10.	-57.30	-73.53	-71.24	-70.15	-72.05
16.	-54.24	-76.93	-69.32	-68.74	-72.17
20.	-52.79	-73.24	-70.25	-70.86	-71.22
25.	-51.33	-68.42	-66.13	-70.19	-69.20
31.25	-49.88	-66.95	-63.43	-65.77	-70.06
62.5	-45.36	-60.71	-58.37	-61.37	-67.56
100.	-42.30	-62.21	-60.62	-62.41	-63.91
155.	-39.45	-60.42	-57.00	-57.32	-60.20
200.	-37.78	-60.16	-55.46	-55.30	-58.03
250.	-36.34	-61.67	-56.08	-56.10	-61.57
300.		-61.98	-54.93	-51.06	-52.34
350.		-60.97	-56.18	-54.04	-53.91
400.		-55.17	-49.96	-48.33	-49.15
450.		-53.55	-45.10	-45.03	-51.96
500.		-61.23	-41.49	-41.56	-53.74
550.		-49.51	-46.68	-47.32	-48.49
600.		-48.34	-44.60	-44.16	-49.94
650.		-49.02	-40.73	-39.22	-43.78
700.		-49.63	-41.26	-40.71	-46.01



## PSNEXT - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

PSNEXT - Far End (dB)					
Freq (MHz)	Limit	Blue	Orange	Green	Brown
1.	-71.60	-88.17	-86.14	-89.46	-91.86
4.	-63.27	-81.11	-79.62	-79.77	-80.80
8.	-58.76	-77.08	-74.30	-74.19	-75.82
10.	-57.30	-79.04	-73.50	-71.33	-72.78
16.	-54.24	-69.07	-67.61	-68.62	-69.98
20.	-52.79	-72.41	-71.65	-71.98	-69.45
25.	-51.33	-76.58	-69.52	-68.52	-69.51
31.25	-49.88	-70.05	-68.69	-66.58	-66.12
62.5	-45.36	-63.17	-62.53	-62.95	-63.58
100.	-42.30	-61.65	-61.81	-63.10	-63.17
155.	-39.45	-57.60	-55.12	-56.09	-59.05
200.	-37.78	-55.91	-55.62	-55.69	-54.55
250.	-36.34	-51.14	-49.97	-54.07	-57.45
300.		-52.96	-55.26	-56.02	-52.75
350.		-51.65	-52.00	-50.96	-50.85
400.		-49.39	-48.86	-51.93	-52.80
450.		-52.40	-48.91	-48.18	-52.93
500.		-48.75	-41.42	-41.80	-48.63
550.		-46.54	-46.15	-47.76	-51.66
600.		-48.43	-42.59	-42.97	-50.70
650.		-50.05	-48.56	-46.50	-52.02
700.		-45.93	-39.66	-39.60	-46.72



## ACR - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

ACR - Near End (dB)							
Freq (MHz)	Limit	Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown
1.	71.53	85.30	94.42	97.09	92.87	89.84	90.96
4.	61.49	79.46	92.07	96.33	89.46	85.74	79.67
8.	55.44	80.59	85.25	78.52	71.03	82.51	81.48
10.	53.35	69.18	81.90	75.20	68.34	85.34	67.72
16.	48.69	72.02	92.04	77.55	63.48	72.86	66.54
20.	46.32	66.68	73.90	75.12	69.29	68.77	65.47
25.	43.83	59.76	74.90	77.94	64.92	63.16	64.26
31.25	41.20	57.08	89.45	93.07	56.89	63.52	63.62
62.5	31.98	46.64	70.70	66.51	48.00	61.66	55.56
100.	24.50	46.05	64.48	49.89	45.78	55.79	49.74
155.	16.28	39.20	55.87	44.31	36.05	48.64	39.96
200.	10.80	36.42	46.60	39.72	30.79	40.41	34.80
250.	5.51	43.26	49.44	33.85	26.68	45.96	43.42
300.		31.62	38.47	39.32	24.11	32.50	21.42
350.		36.28	35.28	28.10	24.44	25.81	22.26
400.		26.47	35.50	19.43	13.33	19.90	14.91
450.		18.21	15.98	24.73	5.33	16.42	16.46
500.		25.49	20.13	31.29	-1.11	14.40	17.56
550.		6.74	16.38	13.59	5.20	10.92	7.48
600.		5.48	5.37	11.39	-1.36	12.81	6.47
650.		7.96	4.02	5.30	-8.33	10.03	-2.71
700.		11.62	0.69	5.31	-9.17	1.30	-0.31



## ACR - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

ACR - Far End (dB)							
Freq (MHz)	Limit	Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown
1.	71.53	86.97	105.08	108.90	90.20	93.81	93.15
4.	61.49	77.77	93.64	99.18	82.07	88.32	77.79
8.	55.44	73.25	88.53	79.82	73.55	81.50	72.25
10.	53.35	76.34	81.84	78.48	69.89	77.42	68.31
16.	48.69	63.65	85.13	68.04	65.74	72.54	66.20
20.	46.32	68.88	83.27	68.82	77.03	70.17	64.58
25.	43.83	69.81	72.20	84.09	63.21	65.51	62.72
31.25	41.20	63.81	80.53	63.01	62.82	64.76	58.38
62.5	31.98	50.00	71.38	56.63	53.50	68.20	50.84
100.	24.50	46.52	56.64	47.72	47.05	62.93	51.62
155.	16.28	35.81	55.09	43.38	34.97	49.08	38.35
200.	10.80	34.89	40.05	32.98	33.02	36.29	33.49
250.	5.51	22.50	37.59	36.79	26.64	33.99	32.66
300.		32.61	36.05	22.06	24.27	31.65	34.92
350.		26.82	31.35	18.36	17.25	51.16	22.29
400.		13.71	24.43	19.24	16.16	24.19	21.36
450.		19.99	16.38	17.07	9.07	23.69	18.27
500.		9.84	10.31	16.23	-0.42	9.76	12.92
550.		4.55	8.81	10.59	4.91	22.63	12.61
600.		5.51	7.55	8.59	-3.72	10.49	12.16
650.		18.28	2.30	8.52	-0.33	13.20	8.49
700.		5.03	-2.80	2.20	-10.61	-0.16	8.98



## PSACR - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

PSACR - Near End (dB)					
Freq (MHz)	Limit	Blue	Orange	Green	Brown
1.	69.53	84.44	83.39	87.63	86.81
4.	59.49	78.95	78.19	78.89	78.63
8.	53.44	74.90	69.87	69.59	74.07
10.	51.35	67.66	65.68	64.50	66.62
16.	46.69	69.47	62.27	61.56	65.27
20.	44.32	64.88	62.35	62.80	63.48
25.	41.83	59.05	57.27	61.16	60.53
31.25	39.20	56.44	53.50	55.64	60.34
62.5	29.98	45.78	44.21	46.93	53.67
100.	22.50	43.16	42.63	44.00	46.23
155.	14.28	36.51	34.40	34.22	38.05
200.	8.80	32.86	29.65	28.89	32.73
250.	3.51	31.00	27.09	26.48	33.12
300.		28.27	23.08	18.47	21.00
350.		24.40	21.66	18.73	19.95
400.		15.82	12.84	10.33	12.65
450.		11.68	5.55	4.54	13.09
500.		17.01	-0.50	-1.22	12.60
550.		3.05	2.60	2.26	5.16
600.		-0.48	-1.56	-3.01	4.51
650.		-1.90	-7.53	-10.07	-3.55
700.		-3.32	-9.10	-10.31	-3.24



## PSACR - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

PSACR - Far End (dB)					
Freq (MHz)	Limit	Blue	Orange	Green	Brown
1.	69.53	86.40	84.45	87.77	90.21
4.	59.49	77.42	76.13	76.23	77.39
8.	53.44	71.84	69.34	69.15	70.97
10.	51.35	73.17	67.95	65.68	67.35
16.	46.69	61.60	60.55	61.43	63.07
20.	44.32	64.06	63.75	63.93	61.72
25.	41.83	67.21	60.67	59.49	60.84
31.25	39.20	59.54	58.77	56.45	56.40
62.5	29.98	48.26	48.43	48.56	49.74
100.	22.50	42.59	43.80	44.69	45.50
155.	14.28	33.66	32.51	32.99	36.86
200.	8.80	28.58	29.77	29.27	29.20
250.	3.51	20.46	20.91	24.41	28.93
300.		19.22	23.37	23.39	21.40
350.		15.02	17.42	15.57	16.86
400.		10.01	11.72	13.90	16.31
450.		10.53	9.32	7.72	14.04
500.		4.48	-0.52	-1.03	7.41
550.		0.01	2.12	2.63	8.31
600.		-0.47	-3.56	-4.19	5.32
650.		-0.92	0.35	-2.79	4.81
700.		-6.97	-10.64	-11.34	-2.47



## FEXT - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

FEXT - Near End (dB)												
f (MHz)	1-2	1-3	1-4	2-1	2-3	2-4	3-1	3-2	3-4	4-1	4-2	4-3
1.	-83.09	-89.31	-96.98	-82.48	-86.60	-85.06	-88.91	-87.08	-85.52	-95.73	-85.94	-86.13
4.	-72.89	-78.65	-86.13	-72.72	-75.52	-74.21	-78.40	-75.55	-74.71	-86.77	-74.53	-74.60
8.	-68.73	-74.18	-82.70	-68.58	-71.22	-70.01	-74.18	-71.29	-70.56	-83.51	-70.18	-70.32
10.	-67.92	-72.79	-82.88	-67.71	-69.95	-68.75	-72.68	-69.91	-68.77	-83.62	-68.94	-68.71
16.	-66.34	-70.32	-82.35	-66.12	-67.34	-66.28	-70.42	-67.39	-65.90	-82.10	-66.35	-65.74
20.	-66.47	-69.30	-82.75	-66.33	-66.38	-65.31	-69.47	-66.69	-65.02	-82.14	-65.38	-64.47
25.	-67.03	-68.32	-84.26	-67.47	-65.65	-64.84	-68.70	-66.15	-63.93	-84.32	-64.77	-63.74
31.25	-70.23	-67.93	-91.36	-69.81	-65.04	-64.30	-68.04	-65.41	-62.99	-94.92	-64.46	-63.03
62.5	-65.80	-67.46	-80.02	-65.57	-64.46	-66.29	-67.60	-65.10	-64.02	-81.82	-66.09	-63.80
100.	-69.79	-70.69	-75.60	-69.62	-66.73	-64.13	-70.92	-66.11	-70.32	-74.97	-63.77	-70.45
155.	-66.84	-80.50	-77.06	-66.56	-65.68	-59.59	-79.71	-65.23	-73.22	-79.68	-59.60	-72.10
200.	-71.83	-74.50	-75.24	-71.10	-64.97	-60.41	-76.31	-63.57	-68.81	-77.16	-60.23	-69.18
250.	-69.73	-72.65	-74.86	-70.02	-76.14	-62.77	-72.87	-77.36	-66.02	-76.68	-62.68	-66.21
300.	-66.67	-74.11	-77.21	-66.74	-64.52	-66.30	-73.63	-64.97	-73.04	-79.18	-66.66	-74.44
350.	-75.16	-78.43	-75.23	-77.84	-75.62	-69.26	-79.82	-67.82	-79.83	-75.18	-70.44	-78.82
400.	-74.19	-84.98	-83.90	-74.70	-69.51	-74.82	-85.96	-71.71	-74.90	-84.17	-72.05	-73.28
450.	-71.68	-90.13	-78.45	-71.96	-69.61	-83.31	-83.47	-69.98	-86.80	-77.26	-87.86	-80.25
500.	-78.65	-89.38	-84.43	-77.37	-70.94	-78.40	-86.71	-69.04	-69.91	-86.75	-73.81	-69.03
550.	-78.97	-91.13	-83.54	-78.61	-82.20	-75.53	-85.24	-66.33	-79.65	-84.47	-80.89	-86.36
600.	-77.09	-88.82	-90.55	-76.93	-82.08	-81.26	-84.86	-66.53	-73.45	-86.98	-84.50	-76.35
650.	-79.84	-84.31	-89.15	-81.09	-89.38	-82.71	-84.39	-66.00	-86.05	-86.24	-77.75	-80.37
700.	-82.09	-90.24	-99.53	-93.54	-74.98	-76.70	-81.48	-64.19	-83.76	-97.84	-83.22	-76.37



## FEXT - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

FEXT - Far End (dB)												
f (MHz)	1-2	1-3	1-4	2-1	2-3	2-4	3-1	3-2	3-4	4-1	4-2	4-3
1.	-82.80	-88.90	-96.55	-83.21	-86.07	-85.39	-88.68	-86.43	-85.86	-96.67	-85.52	-86.07
4.	-72.66	-78.43	-86.24	-72.87	-75.40	-74.37	-78.31	-75.70	-74.48	-86.78	-74.34	-74.78
8.	-68.68	-74.00	-83.76	-68.61	-71.16	-70.11	-74.09	-71.33	-70.33	-82.67	-70.06	-70.44
10.	-67.81	-72.81	-83.70	-67.88	-69.72	-68.78	-72.85	-69.94	-68.59	-82.94	-68.86	-68.77
16.	-66.20	-70.31	-82.13	-66.32	-67.32	-66.24	-70.39	-67.38	-65.71	-82.69	-66.39	-65.87
20.	-66.29	-69.36	-82.10	-66.40	-66.54	-65.26	-69.33	-66.39	-64.40	-82.72	-65.30	-64.96
25.	-67.46	-68.67	-84.05	-66.98	-66.03	-64.61	-68.34	-65.63	-63.70	-84.51	-64.94	-63.91
31.25	-69.82	-67.94	-95.47	-70.16	-65.34	-64.33	-67.89	-65.06	-62.93	-92.27	-64.36	-62.97
62.5	-65.59	-67.50	-81.67	-65.74	-65.04	-66.03	-67.52	-64.46	-63.78	-80.14	-66.37	-63.94
100.	-69.66	-70.95	-75.02	-69.71	-66.04	-63.67	-70.65	-66.72	-70.33	-75.77	-64.23	-70.28
155.	-66.58	-79.64	-79.69	-66.75	-65.13	-59.51	-80.86	-65.75	-71.98	-77.03	-59.63	-73.14
200.	-70.88	-76.13	-77.04	-71.93	-63.51	-60.17	-74.75	-65.09	-69.15	-75.37	-60.54	-68.85
250.	-69.88	-72.45	-76.40	-69.84	-76.86	-62.52	-72.93	-76.29	-66.20	-75.12	-62.84	-66.01
300.	-66.72	-73.38	-79.01	-66.59	-64.66	-66.42	-74.21	-64.64	-74.46	-77.12	-66.44	-73.04
350.	-77.75	-79.74	-75.11	-74.91	-67.46	-70.28	-78.37	-75.70	-78.69	-75.15	-69.28	-79.52
400.	-74.78	-86.52	-83.79	-74.34	-71.48	-72.11	-85.04	-69.47	-73.14	-84.38	-74.91	-74.80
450.	-71.74	-83.44	-77.13	-71.86	-69.90	-87.39	-90.02	-69.70	-80.52	-78.60	-82.93	-86.15
500.	-77.40	-86.41	-86.82	-79.01	-68.69	-73.60	-89.79	-70.98	-69.01	-84.56	-78.14	-69.84
550.	-78.56	-85.38	-84.07	-78.84	-65.81	-80.83	-91.74	-82.58	-86.16	-83.53	-75.47	-79.49
600.	-76.70	-85.19	-86.91	-77.04	-66.19	-85.36	-88.98	-81.80	-76.42	-90.48	-81.36	-73.44
650.	-80.99	-84.85	-86.66	-79.95	-66.07	-78.03	-83.96	-89.77	-80.36	-88.87	-82.60	-85.88
700.	-94.87	-81.91	-98.34	-82.58	-64.39	-83.65	-91.44	-74.69	-76.40	-100.19	-76.52	-83.62





## ACRF (ELFEXT) - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

ACRF (ELFEXT) - Near End (dB)													
f (MHz)	Limit	1-2	1-3	1-4	2-1	2-3	2-4	3-1	3-2	3-4	4-1	4-2	4-3
1.	-66.87	-81.39	-87.62	-95.33	-80.71	-84.91	-83.42	-87.14	-85.38	-83.88	-93.96	-84.25	-84.44
4.	-55.76	-69.39	-75.11	-82.73	-69.03	-71.98	-70.80	-74.71	-72.06	-71.30	-83.08	-71.03	-71.06
8.	-49.75	-63.77	-69.14	-77.85	-63.34	-66.18	-65.16	-68.94	-66.33	-65.71	-78.27	-65.22	-65.28
10.	-47.80	-62.36	-67.13	-77.44	-61.83	-64.29	-63.32	-66.81	-64.35	-63.33	-77.74	-63.38	-63.05
16.	-43.72	-59.29	-63.14	-75.45	-58.66	-60.15	-59.38	-62.96	-60.34	-59.00	-74.64	-59.29	-58.56
20.	-41.78	-58.56	-61.24	-75.01	-57.97	-58.32	-57.57	-61.12	-58.78	-57.29	-73.78	-57.48	-56.42
25.	-39.84	-58.17	-59.29	-75.59	-58.10	-56.62	-56.17	-59.33	-57.29	-55.26	-74.95	-55.91	-54.71
31.25	-37.90	-60.30	-57.80	-81.63	-59.31	-54.91	-54.57	-57.54	-55.49	-53.27	-84.41	-54.54	-52.90
62.5	-31.88	-51.64	-53.02	-66.13	-50.63	-50.02	-52.40	-52.66	-50.95	-50.12	-66.88	-51.94	-49.36
100.	-27.80	-51.80	-52.29	-57.92	-50.56	-48.32	-46.45	-51.86	-48.12	-52.64	-55.91	-45.78	-52.05
155.	-23.99	-44.25	-57.39	-54.91	-42.64	-42.57	-37.44	-55.80	-42.64	-51.07	-55.76	-37.00	-49.00
200.	-21.78	-46.03	-48.09	-49.94	-43.80	-38.56	-35.11	-49.02	-37.77	-43.51	-49.86	-34.42	-42.78
250.	-19.85	-40.73	-43.03	-46.41	-39.36	-46.52	-34.33	-42.21	-48.37	-37.57	-46.02	-33.69	-36.59
300.		-34.81	-41.52	-45.87	-33.03	-31.93	-34.96	-39.92	-33.12	-41.71	-45.47	-34.81	-41.84
350.		-40.64	-43.12	-41.27	-41.27	-40.31	-35.30	-43.25	-33.30	-45.86	-38.61	-35.92	-43.51
400.		-37.08	-46.97	-47.40	-35.35	-31.51	-38.33	-46.61	-34.59	-38.40	-44.83	-34.94	-35.28
450.		-32.13	-49.64	-39.59	-30.09	-29.12	-44.45	-41.60	-30.43	-47.93	-35.39	-48.31	-39.76
500.		-36.67	-46.59	-43.29	-33.15	-28.15	-37.26	-42.49	-27.05	-28.77	-42.54	-31.83	-26.24
550.		-34.88	-46.07	-40.22	-32.15	-37.13	-32.21	-38.78	-22.25	-36.32	-38.01	-36.81	-41.29
600.		-30.93	-41.65	-45.12	-28.11	-34.91	-35.83	-36.04	-20.38	-28.02	-38.16	-38.34	-29.17
650.		-31.57	-35.01	-41.83	-30.18	-40.09	-35.38	-33.48	-17.74	-38.72	-35.32	-29.48	-31.07
700.		-31.74	-39.23	-50.27	-40.59	-23.96	-27.45	-28.53	-13.83	-34.50	-44.89	-32.87	-25.35



## ACRF (ELFEXT) - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

ACRF (ELFEXT) - Far End (dB)													
f (MHz)	Limit	1-2	1-3	1-4	2-1	2-3	2-4	3-1	3-2	3-4	4-1	4-2-3	
1.	-66.87	-81.12	-87.21	-94.91	-81.44	-84.38	-83.74	-86.91	-84.74	-84.22	-94.90	-83.84	-84.38
4.	-55.76	-69.17	-74.89	-82.83	-69.18	-71.85	-70.96	-74.62	-72.20	-71.07	-83.09	-70.85	-71.23
8.	-49.75	-63.73	-68.96	-78.91	-63.37	-66.12	-65.26	-68.84	-66.38	-65.48	-77.43	-65.10	-65.39
10.	-47.80	-62.26	-67.15	-78.27	-62.01	-64.06	-63.35	-66.98	-64.39	-63.16	-77.06	-63.31	-63.11
16.	-43.72	-59.14	-63.12	-75.22	-58.85	-60.13	-59.33	-62.93	-60.32	-58.80	-75.22	-59.33	-58.68
20.	-41.78	-58.39	-61.31	-74.37	-58.04	-58.49	-57.53	-60.98	-58.49	-56.67	-74.37	-57.40	-56.90
25.	-39.84	-58.61	-59.64	-75.39	-57.60	-57.00	-55.94	-58.97	-56.77	-55.04	-75.14	-56.08	-54.88
31.25	-37.90	-59.90	-57.81	-85.74	-59.66	-55.21	-54.61	-57.39	-55.14	-53.21	-81.77	-54.43	-52.84
62.5	-31.88	-51.49	-53.11	-67.83	-50.82	-50.65	-52.19	-52.60	-50.36	-49.94	-65.22	-52.27	-49.55
100.	-27.80	-51.65	-52.54	-57.36	-50.65	-47.63	-46.01	-51.59	-48.72	-52.67	-56.71	-46.23	-51.88
155.	-23.99	-43.97	-56.54	-57.50	-42.82	-42.03	-37.32	-56.92	-43.14	-49.79	-53.10	-37.02	-50.04
200.	-21.78	-45.04	-49.71	-51.69	-44.60	-37.09	-34.83	-47.42	-39.25	-43.80	-48.04	-34.69	-42.42
250.	-19.85	-40.82	-42.78	-47.87	-39.17	-47.19	-33.99	-42.26	-47.23	-37.67	-44.44	-33.78	-36.34
300.		-34.84	-40.74	-47.66	-32.85	-32.02	-35.07	-40.47	-32.76	-43.11	-43.38	-34.55	-40.40
350.		-43.17	-44.35	-41.11	-38.28	-32.07	-36.29	-41.74	-41.12	-44.70	-38.52	-34.70	-44.13
400.		-37.64	-48.49	-47.30	-34.96	-33.45	-35.62	-45.66	-32.32	-36.65	-45.00	-37.77	-36.77
450.		-32.15	-42.99	-38.25	-30.00	-29.44	-48.50	-48.16	-30.11	-41.64	-36.74	-43.35	-45.69
500.		-35.45	-43.58	-45.59	-34.74	-25.87	-32.37	-45.52	-29.04	-27.79	-40.30	-36.19	-27.01
550.		-34.53	-40.25	-40.72	-32.31	-20.69	-37.47	-45.21	-38.55	-42.81	-37.00	-31.44	-34.37
600.		-30.55	-38.04	-41.52	-28.14	-19.03	-39.97	-40.08	-35.65	-31.03	-41.58	-35.21	-26.28
650.		-32.78	-35.57	-39.45	-28.98	-16.78	-30.81	-32.99	-41.57	-33.15	-37.90	-34.40	-36.60
700.		-44.58	-30.97	-49.15	-29.69	-13.45	-34.46	-38.54	-24.40	-27.22	-47.30	-26.23	-32.68



## PSFEXT - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

PSFEXT - Near End (dB)				
Freq (MHz)	Blue	Orange	Green	Brown
1.	-82.02	-79.60	-82.18	-82.77
4.	-71.71	-69.23	-71.18	-71.42
8.	-67.50	-65.03	-66.98	-67.14
10.	-66.59	-63.93	-65.39	-65.74
16.	-64.80	-61.78	-62.76	-62.97
20.	-64.58	-61.20	-61.92	-61.85
25.	-64.57	-61.08	-61.06	-61.19
31.25	-65.90	-61.02	-60.24	-60.67
62.5	-63.44	-60.60	-60.56	-61.74
100.	-66.62	-61.50	-63.75	-62.66
155.	-66.28	-57.99	-64.45	-59.32
200.	-68.83	-58.84	-62.25	-59.63
250.	-67.13	-61.86	-64.60	-60.96
300.	-65.63	-60.97	-63.56	-65.73
350.	-71.25	-67.89	-67.18	-68.68
400.	-73.44	-67.48	-69.80	-69.42
450.	-70.80	-67.50	-69.65	-74.84
500.	-77.34	-69.43	-66.08	-67.60
550.	-77.35	-73.15	-66.06	-75.02
600.	-76.61	-74.59	-65.57	-74.93
650.	-77.92	-78.42	-65.89	-74.57
700.	-81.40	-72.71	-64.06	-75.53



## PSFEXT - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

PSFEXT - Far End (dB)				
Freq (MHz)	Blue	Orange	Green	Brown
1.	-81.70	-79.92	-82.04	-82.59
4.	-71.49	-69.32	-71.12	-71.42
8.	-67.46	-65.06	-66.88	-67.11
10.	-66.53	-63.95	-65.35	-65.72
16.	-64.69	-61.82	-62.65	-63.06
20.	-64.47	-61.25	-61.49	-62.07
25.	-64.96	-60.99	-60.72	-61.36
31.25	-65.76	-61.20	-60.07	-60.60
62.5	-63.37	-60.81	-60.21	-61.91
100.	-66.57	-61.03	-64.07	-63.03
155.	-66.17	-57.84	-64.70	-59.37
200.	-68.99	-58.33	-63.33	-59.82
250.	-67.36	-61.45	-65.02	-60.95
300.	-65.66	-60.71	-63.78	-65.28
350.	-72.33	-64.85	-72.54	-67.95
400.	-74.00	-67.33	-67.79	-71.61
450.	-70.39	-67.56	-69.28	-76.69
500.	-76.46	-66.51	-66.85	-69.11
550.	-76.76	-65.20	-79.56	-73.54
600.	-75.69	-65.67	-75.07	-72.71
650.	-78.57	-65.42	-78.44	-80.15
700.	-81.60	-64.27	-72.40	-75.73



## PSACRF (PSELFEXT) - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

PSACRF (PSELFEXT) - Near End (dB)					
Freq (MHz)	Limit	Blue	Orange	Green	Brown
1.	-63.87	-80.24	-77.91	-80.49	-81.12
4.	-52.76	-68.02	-65.74	-67.64	-68.02
8.	-46.75	-62.26	-60.07	-61.94	-62.29
10.	-44.80	-60.72	-58.38	-59.74	-60.31
16.	-40.72	-57.34	-54.72	-55.57	-56.07
20.	-38.78	-56.22	-53.30	-53.87	-54.12
25.	-36.84	-55.20	-52.22	-52.03	-52.52
31.25	-34.90	-55.40	-51.10	-50.11	-50.95
62.5	-28.88	-48.50	-46.45	-46.12	-47.85
100.	-24.80	-47.56	-43.50	-45.34	-44.98
155.	-20.99	-42.36	-35.39	-41.35	-37.17
200.	-18.78	-41.53	-33.03	-35.85	-34.33
250.	-16.85	-36.47	-32.87	-34.98	-32.52
300.		-31.92	-29.12	-30.96	-34.40
350.		-34.68	-33.37	-31.87	-34.72
400.		-34.09	-30.36	-31.80	-32.93
450.		-28.93	-27.95	-29.16	-35.97
500.		-33.12	-27.45	-23.29	-26.46
550.		-30.89	-29.07	-20.99	-31.69
600.		-27.79	-28.44	-18.40	-29.50
650.		-27.00	-30.15	-16.60	-27.25
700.		-28.45	-22.36	-13.04	-26.27



## PSACRF (PSELFEXT) - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

PSACRF (PSELFEXT) - Far End (dB)					
Freq (MHz)	Limit	Blue	Orange	Green	Brown
1.	-63.87	-79.93	-78.24	-80.36	-80.95
4.	-52.76	-67.80	-65.83	-67.57	-68.01
8.	-46.75	-62.22	-60.11	-61.83	-62.26
10.	-44.80	-60.66	-58.40	-59.70	-60.29
16.	-40.72	-57.23	-54.77	-55.46	-56.15
20.	-38.78	-56.11	-53.36	-53.44	-54.34
25.	-36.84	-55.59	-52.14	-51.69	-52.69
31.25	-34.90	-55.26	-51.28	-49.94	-50.87
62.5	-28.88	-48.45	-46.71	-45.81	-48.07
100.	-24.80	-47.51	-43.02	-45.67	-45.37
155.	-20.99	-42.24	-35.23	-41.60	-37.18
200.	-18.78	-41.66	-32.48	-36.90	-34.47
250.	-16.85	-36.69	-32.39	-35.35	-32.43
300.		-31.92	-28.83	-31.15	-33.93
350.		-35.70	-30.27	-37.15	-33.96
400.		-34.62	-30.19	-29.77	-35.11
450.		-28.53	-27.97	-28.82	-37.81
500.		-32.20	-24.57	-24.03	-27.88
550.		-30.23	-21.17	-34.43	-30.19
600.		-26.79	-19.52	-27.91	-27.33
650.		-27.60	-17.21	-29.16	-32.93
700.		-28.71	-13.98	-21.46	-26.55



## Impedance - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

Impedance - Near End (ohms)				
Freq (MHz)	Blue	Orange	Green	Brown
1.	106.56	112.91	111.09	115.69
4.	102.41	103.69	104.61	102.90
8.	99.32	103.94	101.88	106.48
10.	100.19	102.29	103.24	102.71
16.	99.82	103.45	102.45	105.14
20.	96.90	100.93	99.08	101.19
25.	99.49	101.06	101.58	103.40
31.25	100.28	102.42	103.51	105.51
62.5	97.65	97.17	99.34	101.77
100.	96.42	97.11	100.50	100.42
155.	96.83	101.02	103.22	102.22
200.	98.29	99.75	102.41	101.57
250.	96.82	99.95	101.22	102.60
300.	96.22	99.10	101.47	103.88
350.	98.87	101.02	97.01	94.64
400.	97.61	101.42	99.98	99.25
450.	95.64	101.06	97.64	98.39
500.	97.78	98.58	99.33	105.92
550.	97.17	103.58	101.75	100.84
600.	97.56	105.35	96.13	102.56
650.	97.19	97.10	102.67	100.27
700.	98.97	102.67	105.32	98.89



## Impedance - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

Impedance - Far End (ohms)				
Freq (MHz)	Blue	Orange	Green	Brown
1.	106.46	112.45	111.25	116.04
4.	102.75	102.91	104.16	102.82
8.	99.71	104.42	103.00	106.81
10.	100.02	104.93	104.45	104.95
16.	98.95	100.99	101.85	101.65
20.	97.57	102.58	100.79	103.09
25.	99.40	101.85	101.08	103.15
31.25	98.22	102.09	101.14	102.50
62.5	96.99	102.62	101.83	105.85
100.	99.57	98.97	102.42	106.55
155.	98.60	100.57	103.11	97.15
200.	98.76	103.01	96.84	103.67
250.	96.84	103.70	100.54	107.03
300.	96.60	99.12	97.18	94.57
350.	100.95	97.02	94.75	100.98
400.	96.16	100.29	98.36	99.66
450.	95.12	107.17	101.89	96.18
500.	96.73	95.37	99.10	102.16
550.	97.31	96.67	101.66	89.89
600.	95.58	105.40	91.39	87.62
650.	94.69	98.22	91.40	112.56
700.	94.64	104.76	96.34	96.48





## Fitted Impedance - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

Fitted Impedance - Near End (ohms)				
Freq (MHz)	Blue	Orange	Green	Brown
1.	106.33	111.94	110.33	114.40
4.	100.75	102.04	103.06	106.75
8.	99.72	101.16	101.96	104.98
10.	99.48	101.03	101.72	104.53
16.	99.07	100.86	101.33	103.74
20.	98.92	100.83	101.19	103.43
25.	98.78	100.81	101.07	103.16
31.25	98.66	100.81	100.97	102.91
62.5	98.38	100.85	100.74	102.30
100.	98.24	100.90	100.63	102.00
155.	98.14	100.94	100.56	101.77
200.	98.09	100.97	100.52	101.66
250.	98.05	100.99	100.50	101.58
300.	98.03	101.01	100.48	101.52
350.	98.01	101.02	100.47	101.47
400.	97.99	101.03	100.45	101.43
450.	97.97	101.04	100.44	101.40
500.	97.96	101.05	100.44	101.37
550.	97.95	101.06	100.43	101.34
600.	97.94	101.06	100.42	101.32
650.	97.94	101.07	100.42	101.31
700.	97.93	101.07	100.41	101.29



## Fitted Impedance - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

Fitted Impedance - Far End (ohms)				
Freq (MHz)	Blue	Orange	Green	Brown
1.	106.35	111.62	110.71	115.30
4.	103.48	103.53	104.90	110.75
8.	101.63	102.24	103.18	107.21
10.	101.10	101.95	102.72	106.18
16.	100.09	101.47	101.89	104.22
20.	99.67	101.29	101.56	103.38
25.	99.28	101.14	101.26	102.62
31.25	98.93	101.02	100.98	101.92
62.5	98.01	100.71	100.30	100.11
100.	97.53	100.57	99.95	99.15
155.	97.16	100.47	99.69	98.43
200.	96.98	100.43	99.56	98.06
250.	96.84	100.39	99.46	97.78
300.	96.73	100.36	99.39	97.57
350.	96.65	100.34	99.33	97.41
400.	96.58	100.33	99.28	97.28
450.	96.53	100.32	99.24	97.17
500.	96.48	100.30	99.21	97.07
550.	96.44	100.29	99.18	96.99
600.	96.41	100.29	99.16	96.92
650.	96.37	100.28	99.14	96.86
700.	96.35	100.27	99.12	96.80



## Return Loss - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

Return Loss - Near End (dB)					
Freq (MHz)	Limit	Blue	Orange	Green	Brown
1.	-20.23	-30.24	-24.47	-25.72	-22.86
4.	-23.01	-38.50	-34.84	-32.94	-36.91
8.	-24.51	-49.42	-34.44	-40.63	-30.60
10.	-24.98	-57.23	-39.18	-35.95	-37.57
16.	-25.00	-49.01	-35.43	-38.35	-32.02
20.	-24.97	-36.05	-45.60	-47.34	-44.91
25.	-24.32	-51.85	-45.68	-42.18	-35.53
31.25	-23.64	-59.37	-38.56	-35.30	-31.46
62.5	-21.54	-38.61	-36.91	-50.62	-41.19
100.	-20.11	-34.80	-36.69	-47.77	-53.67
155.	-18.78	-35.87	-46.70	-36.04	-39.29
200.	-18.00	-41.34	-51.94	-38.59	-42.22
250.	-17.33	-36.09	-49.22	-44.41	-37.97
300.		-34.35	-48.88	-43.05	-34.41
350.		-45.00	-47.07	-36.41	-31.22
400.		-38.36	-43.36	-62.51	-46.91
450.		-33.05	-45.61	-38.50	-41.84
500.		-39.55	-42.95	-50.29	-30.83
550.		-36.93	-35.09	-41.20	-49.45
600.		-38.65	-31.69	-34.16	-37.97
650.		-36.93	-36.79	-37.64	-50.88
700.		-45.71	-37.61	-31.74	-45.04



## Return Loss - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

Return Loss - Far End (dB)					
Freq (MHz)	Limit	Blue	Orange	Green	Brown
1.	-20.23	-30.34	-24.74	-25.60	-22.68
4.	-23.01	-37.37	-36.88	-33.82	-37.14
8.	-24.51	-49.38	-33.41	-36.70	-29.99
10.	-24.98	-83.93	-32.39	-33.25	-32.36
16.	-25.00	-46.53	-48.27	-40.87	-42.03
20.	-24.97	-38.23	-38.09	-50.43	-36.40
25.	-24.32	-50.42	-40.85	-45.52	-36.19
31.25	-23.64	-40.97	-39.78	-45.23	-38.25
62.5	-21.54	-36.32	-37.77	-40.86	-30.93
100.	-20.11	-54.61	-45.80	-38.46	-30.03
155.	-18.78	-43.02	-51.77	-36.37	-37.28
200.	-18.00	-44.55	-36.58	-35.89	-34.89
250.	-17.33	-35.92	-34.82	-51.30	-29.43
300.		-35.23	-47.10	-37.03	-31.23
350.		-49.05	-36.58	-31.42	-46.20
400.		-34.16	-50.47	-41.68	-49.73
450.		-32.04	-29.21	-40.63	-34.21
500.		-35.60	-32.57	-46.89	-39.61
550.		-37.42	-35.45	-42.13	-25.48
600.		-33.00	-31.60	-26.96	-23.62
650.		-31.29	-41.25	-26.95	-24.57
700.		-31.20	-32.68	-34.59	-34.92



## SRL - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

SRL - Near End (dB)				
Freq (MHz)	Blue	Orange	Green	Brown
1.	-43.70	-34.19	-39.38	-47.73
4.	-41.74	-41.90	-42.54	-34.73
8.	-53.81	-37.65	-70.35	-46.57
10.	-50.05	-44.82	-42.69	-41.26
16.	-51.71	-37.98	-45.28	-43.59
20.	-39.73	-47.61	-39.67	-39.26
25.	-48.93	-59.10	-52.33	-58.52
31.25	-41.89	-42.26	-38.17	-38.23
62.5	-49.41	-34.64	-43.40	-52.54
100.	-40.67	-34.38	-56.75	-42.15
155.	-43.54	-54.68	-37.73	-55.62
200.	-62.44	-46.37	-40.81	-72.01
250.	-46.96	-53.54	-49.06	-47.11
300.	-40.81	-40.79	-46.87	-38.80
350.	-47.44	-52.48	-35.16	-29.17
400.	-55.23	-57.17	-54.09	-39.70
450.	-38.39	-76.76	-37.01	-36.46
500.	-51.62	-38.17	-46.81	-33.18
550.	-48.71	-38.18	-43.66	-59.23
600.	-52.11	-33.66	-33.26	-44.39
650.	-48.52	-34.04	-39.15	-46.62
700.	-45.55	-42.13	-32.46	-38.42



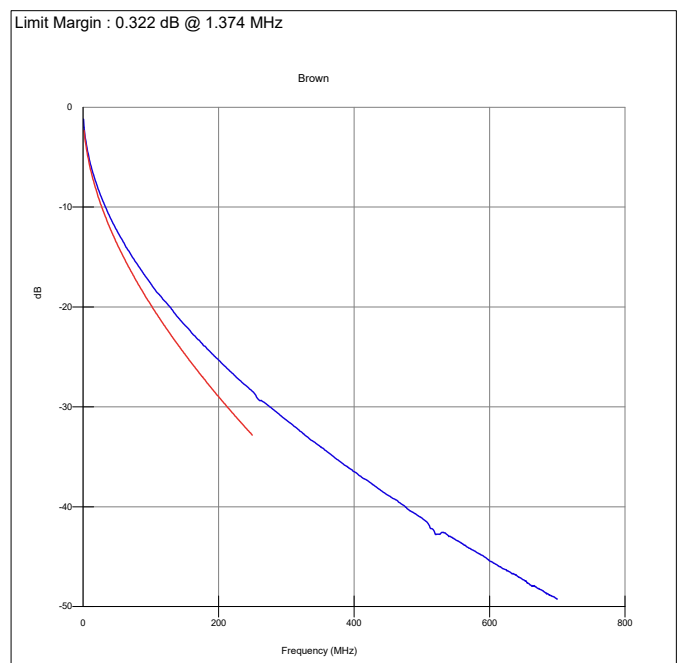
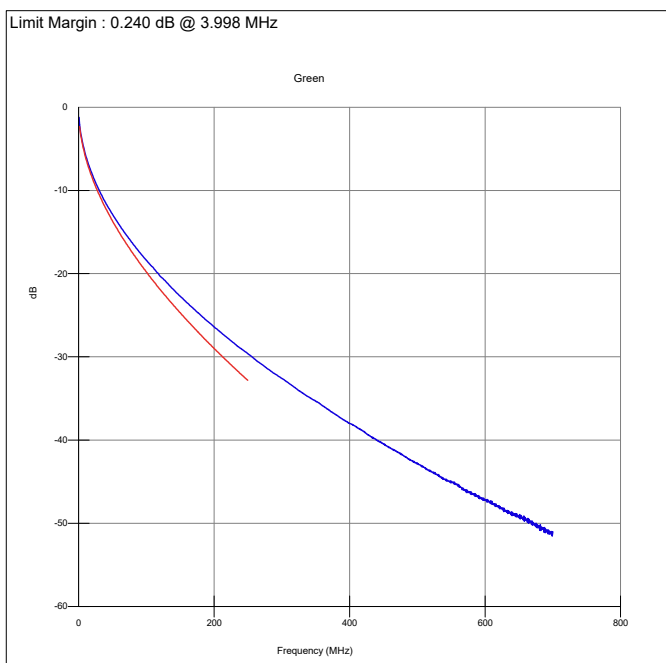
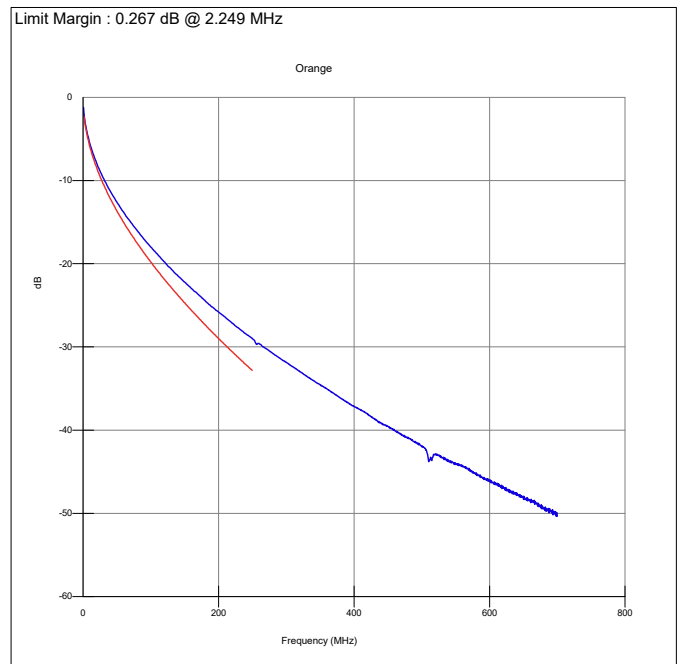
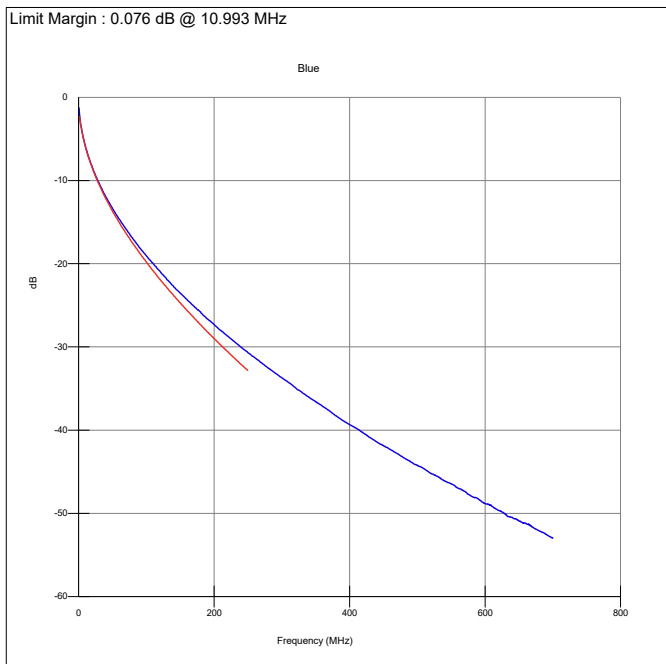
## SRL - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

SRL - Far End (dB)				
Freq (MHz)	Blue	Orange	Green	Brown
1.	-43.10	-37.98	-58.83	-38.73
4.	-49.05	-50.45	-49.03	-28.61
8.	-40.77	-39.91	-58.57	-41.97
10.	-45.39	-36.86	-41.68	-44.68
16.	-45.80	-47.29	-60.78	-38.21
20.	-39.50	-44.95	-49.01	-59.68
25.	-64.54	-48.81	-59.23	-51.82
31.25	-49.40	-45.84	-80.12	-54.39
62.5	-45.63	-40.56	-42.45	-31.10
100.	-39.70	-41.94	-38.29	-28.92
155.	-42.70	-62.96	-35.52	-46.12
200.	-41.24	-37.92	-37.18	-31.12
250.	-58.70	-35.81	-45.30	-26.94
300.	-63.39	-44.11	-39.22	-36.60
350.	-33.32	-35.61	-32.60	-34.88
400.	-53.20	-57.87	-46.71	-38.61
450.	-42.72	-29.62	-37.65	-45.90
500.	-57.70	-32.03	-65.43	-31.90
550.	-48.40	-34.73	-38.38	-28.42
600.	-54.82	-32.08	-27.82	-25.96
650.	-41.15	-39.91	-27.83	-22.50
700.	-40.99	-33.21	-36.95	-55.40

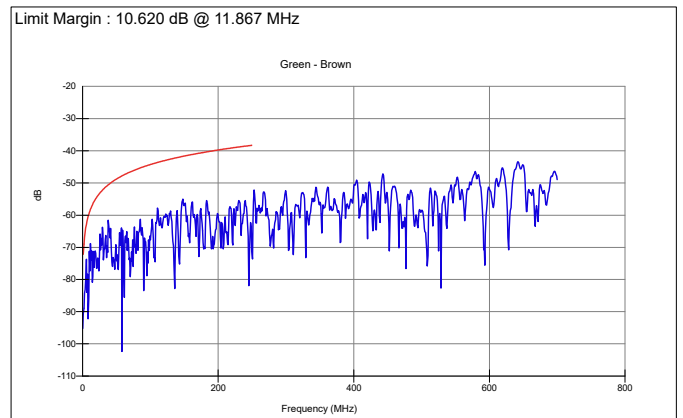
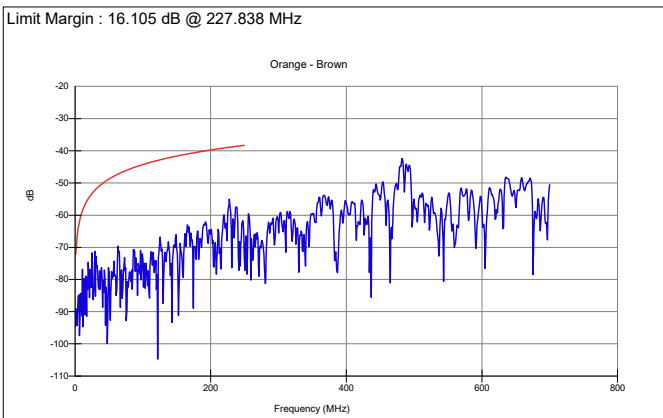
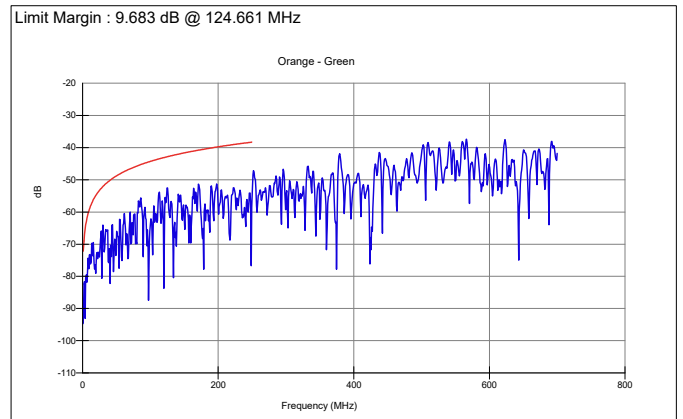
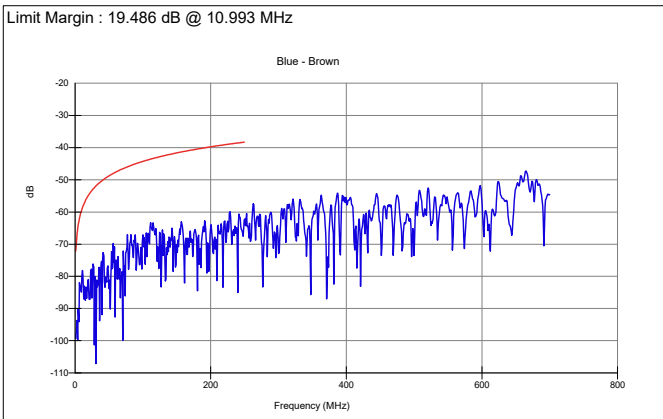
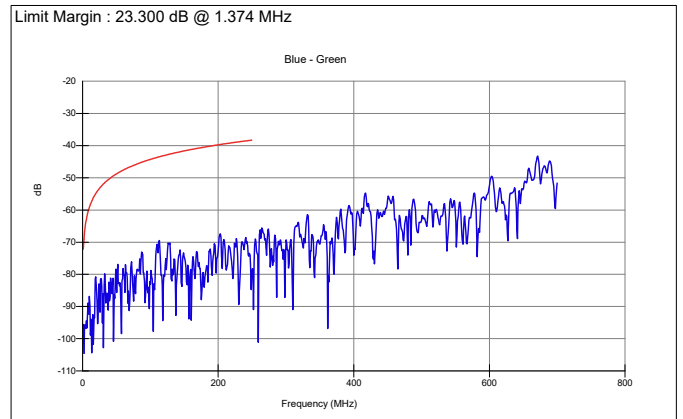
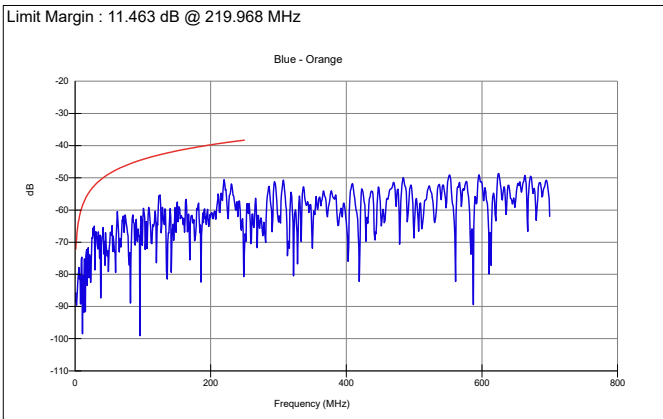
## Insertion Loss

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



## NEXT - Near End

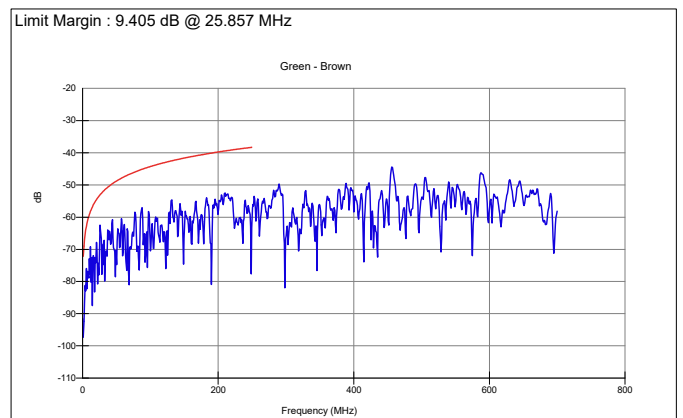
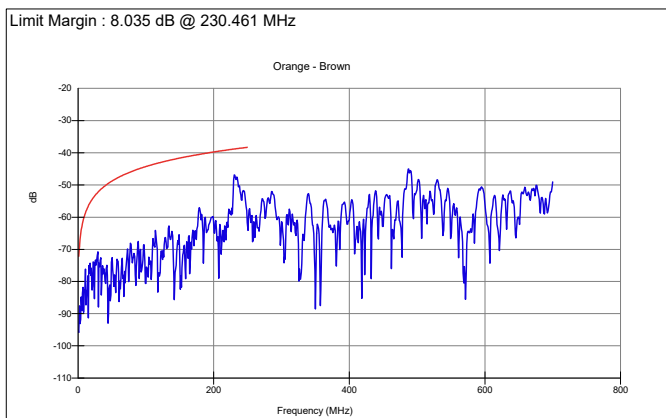
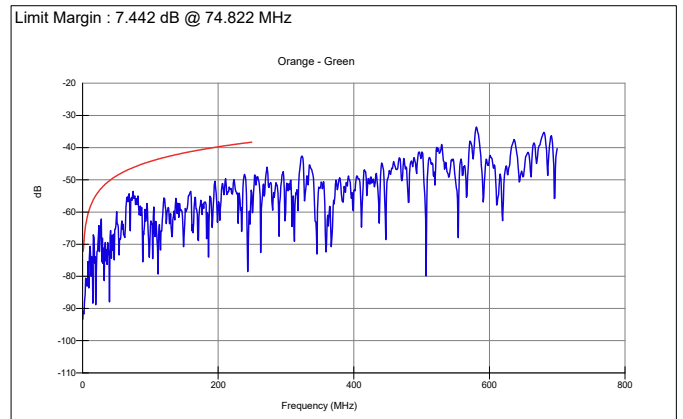
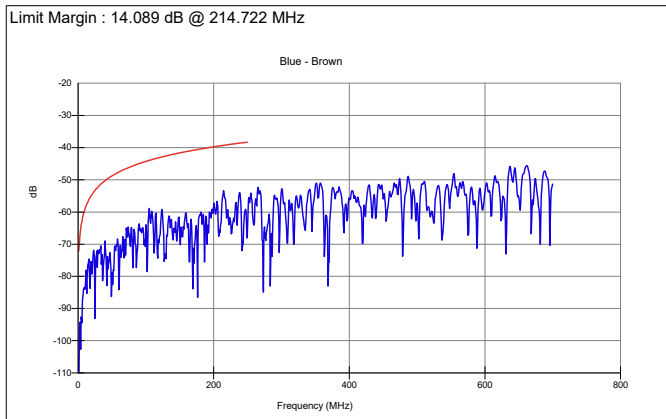
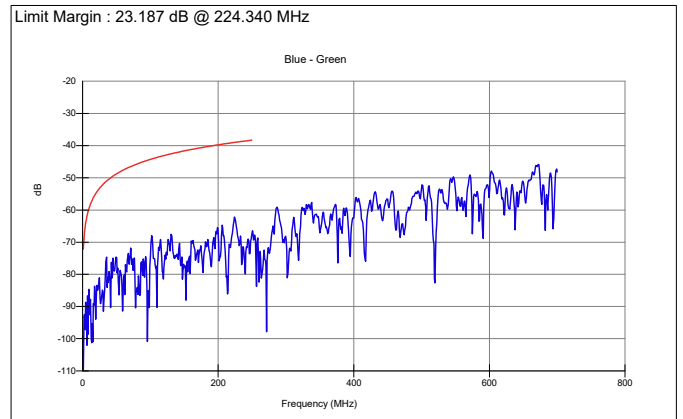
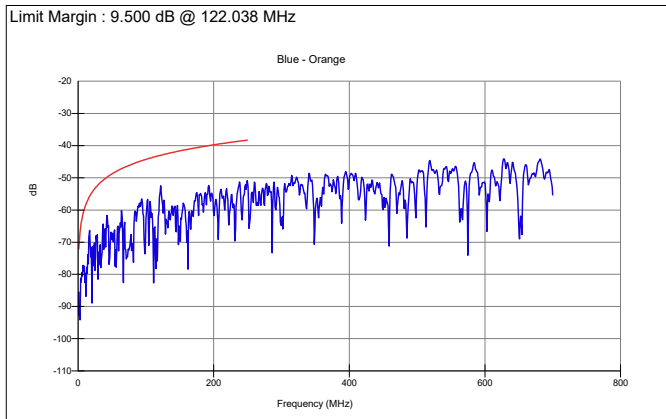
<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies





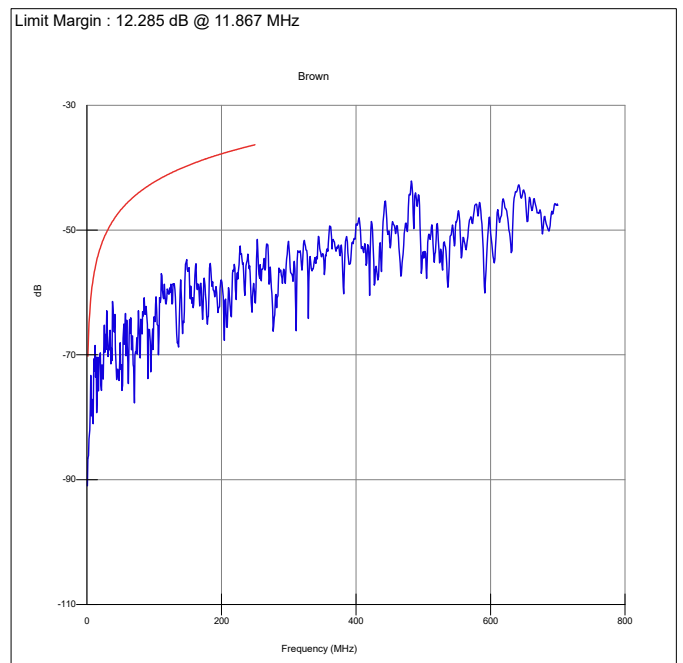
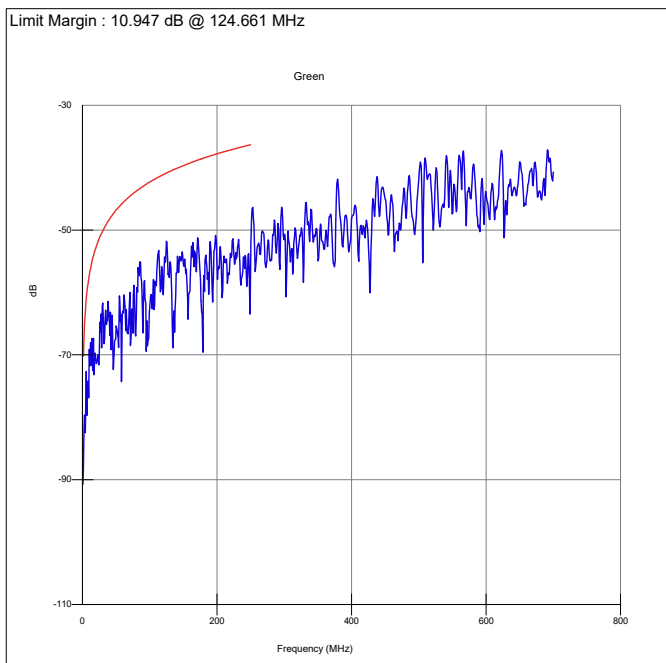
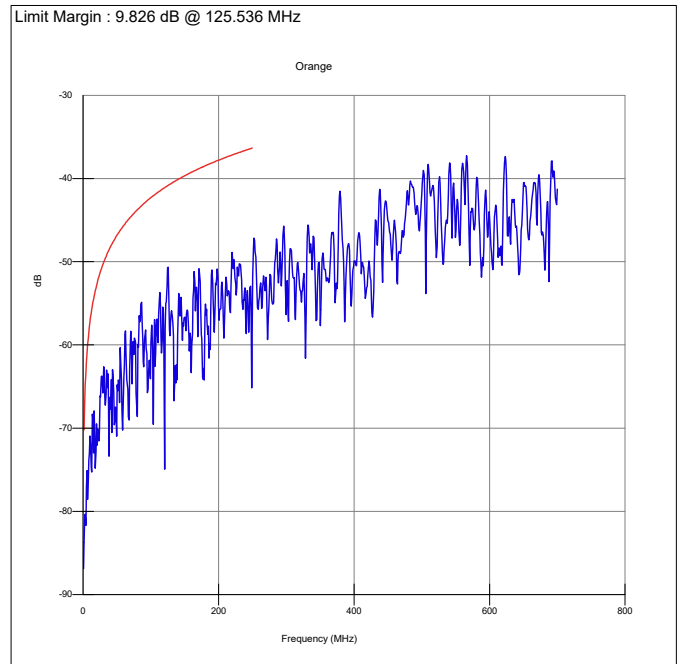
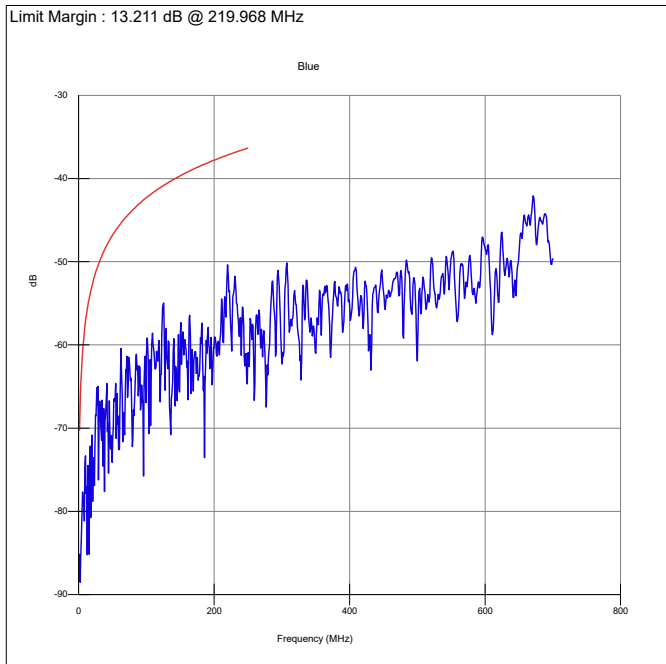
## NEXT - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



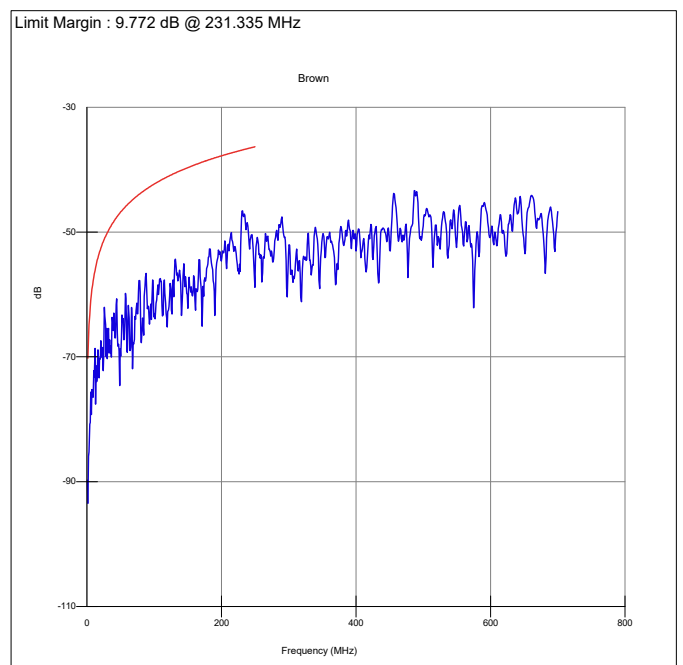
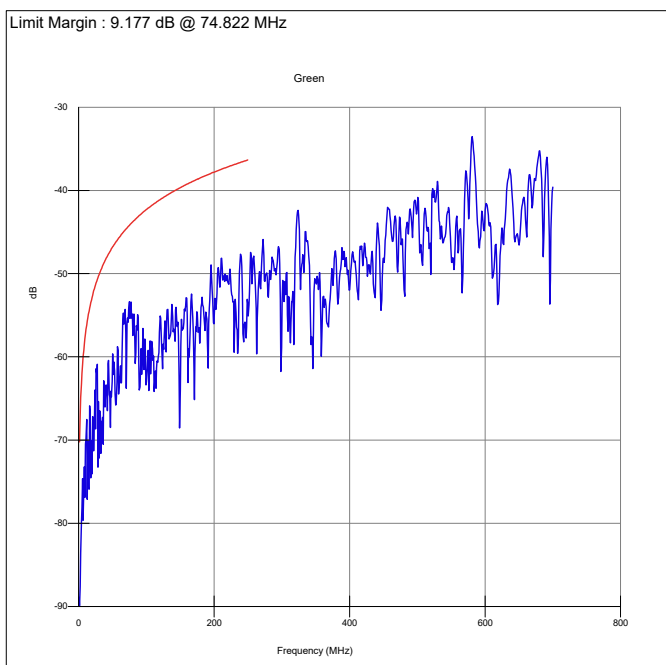
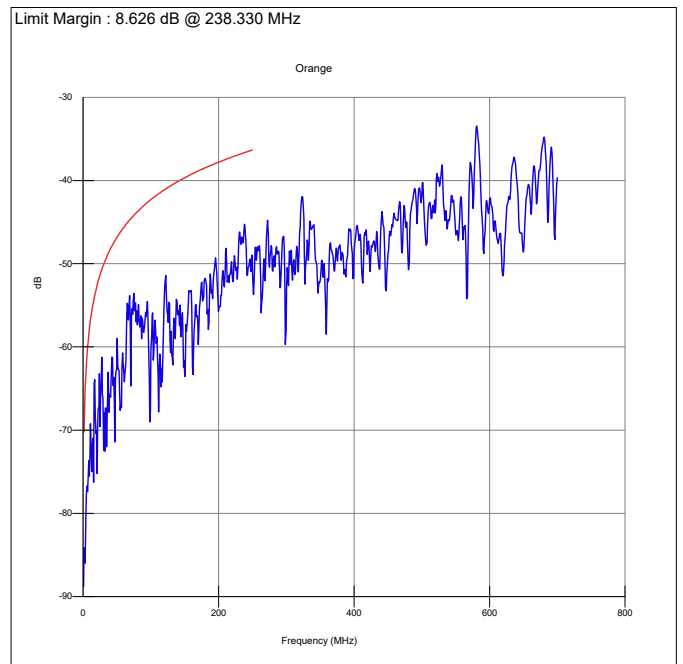
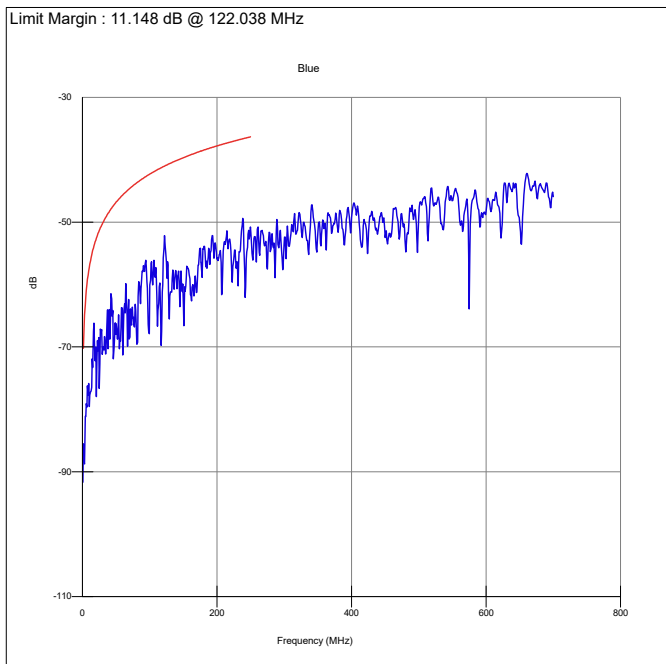
## PSNEXT - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies



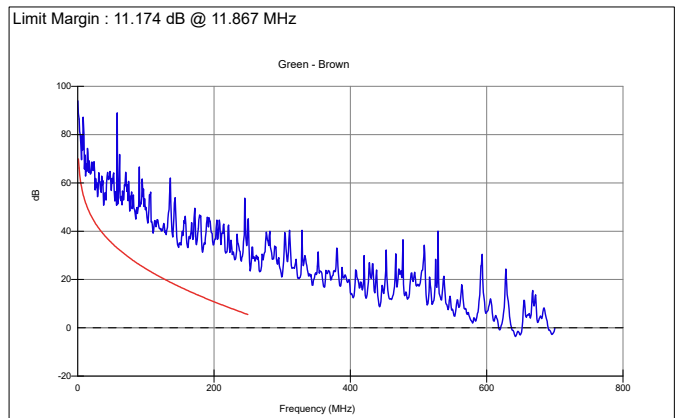
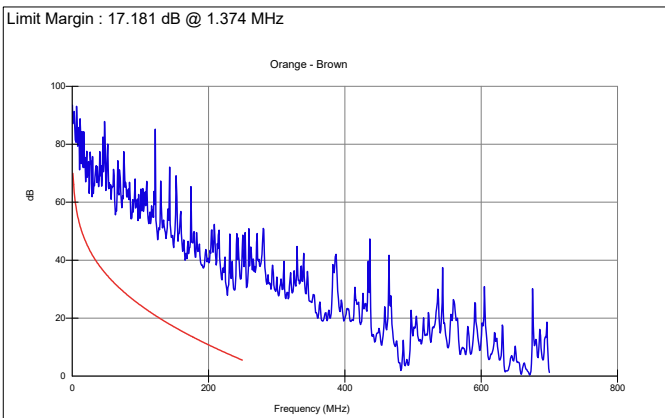
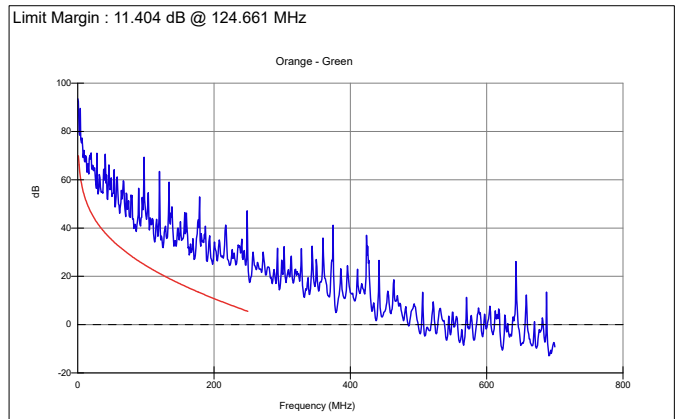
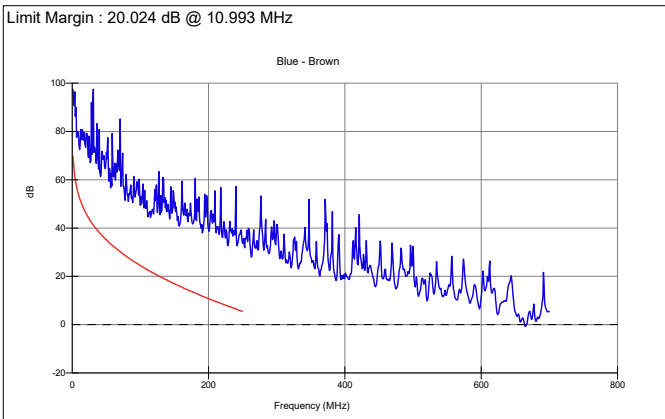
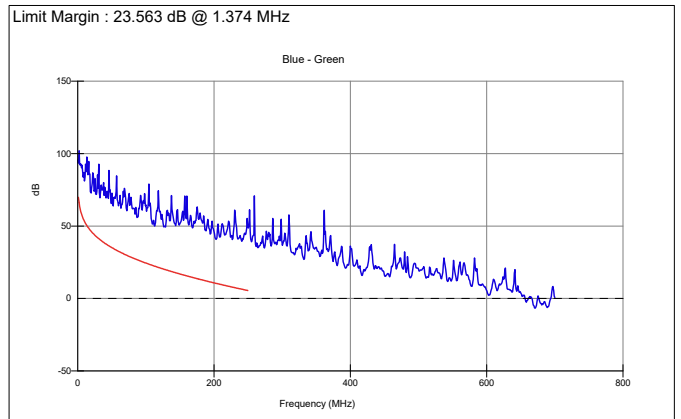
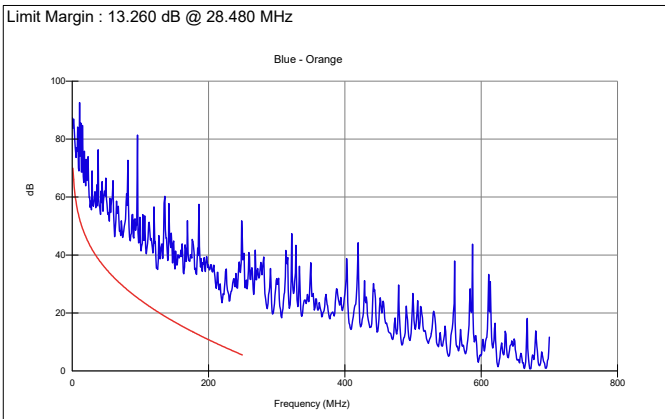
## PSNEXT - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



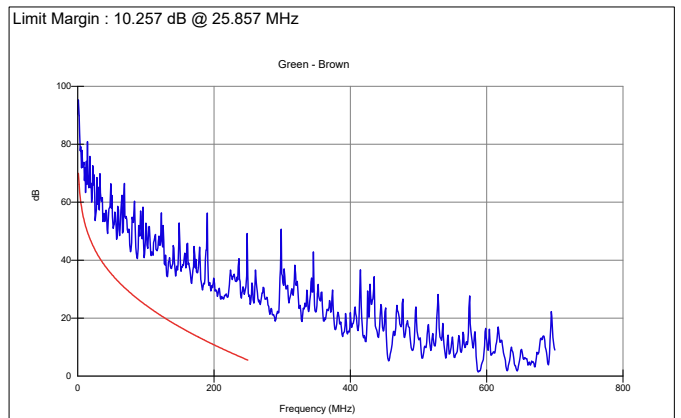
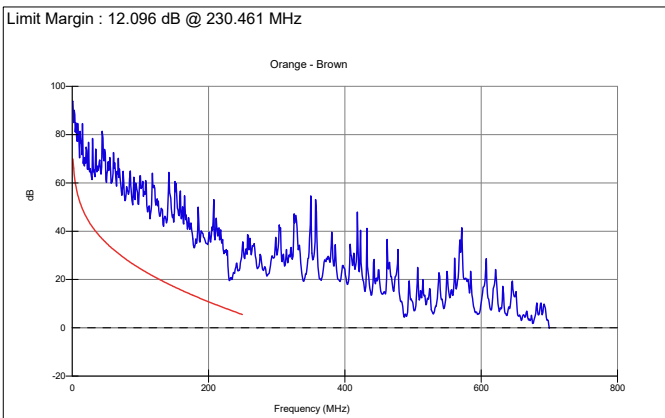
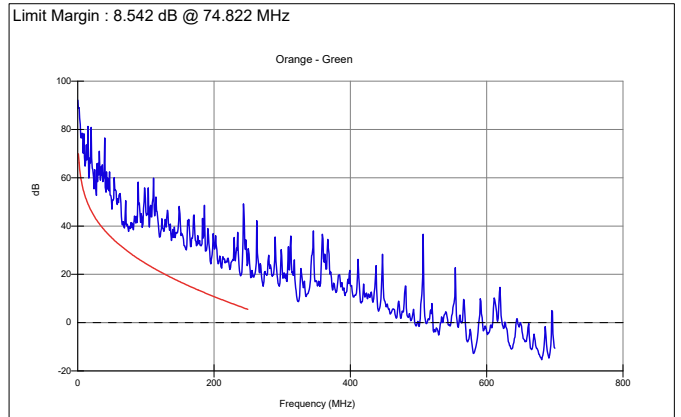
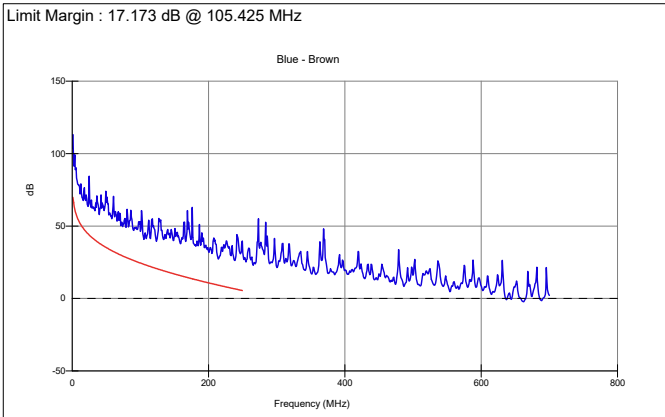
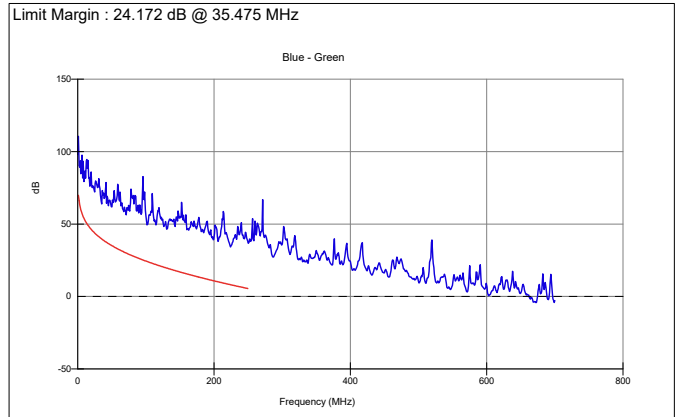
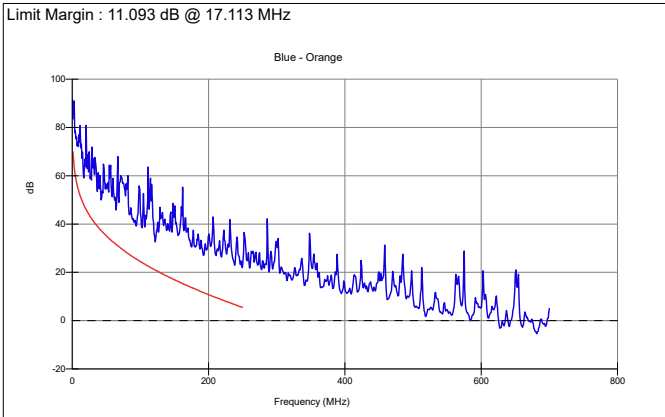
## ACR - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

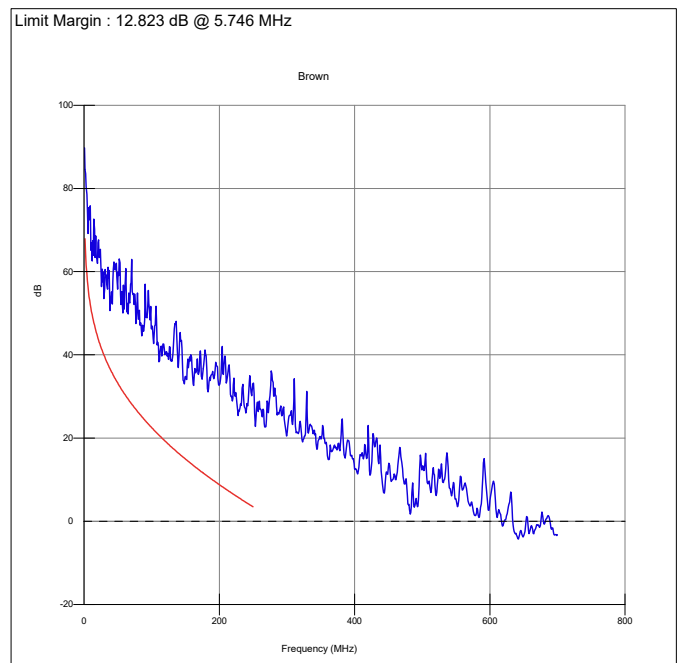
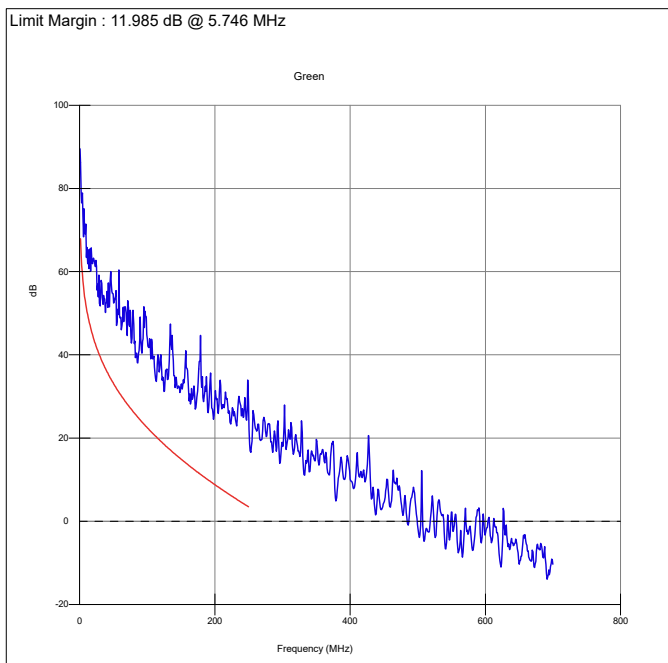
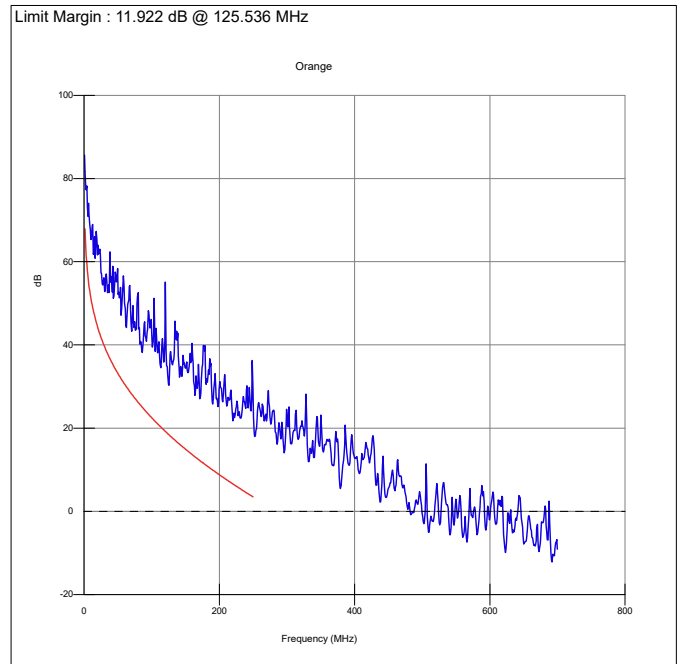
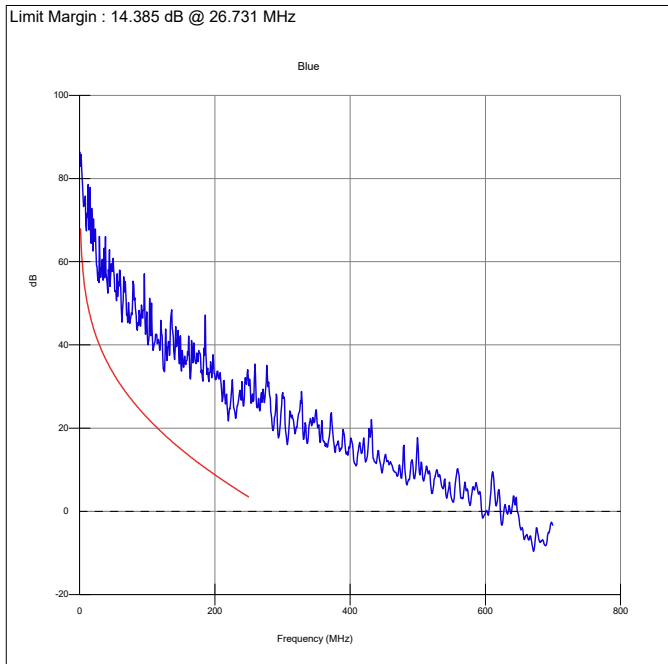


## ACR - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

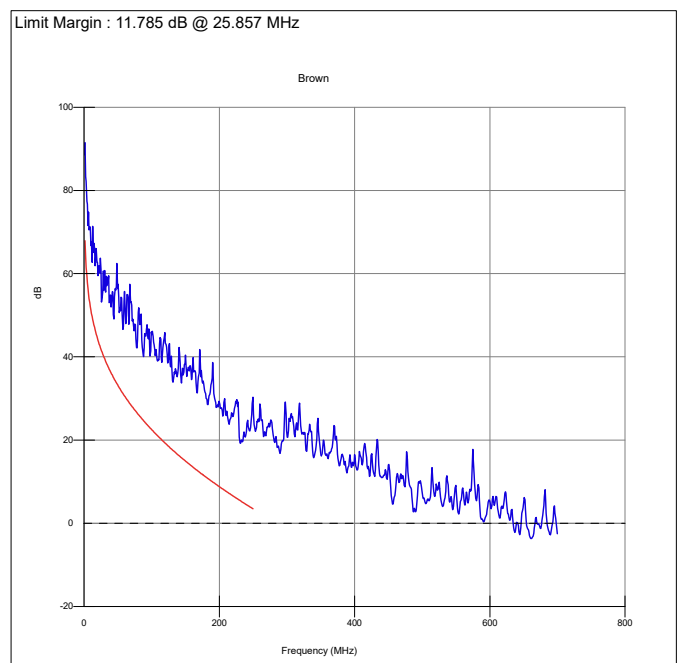
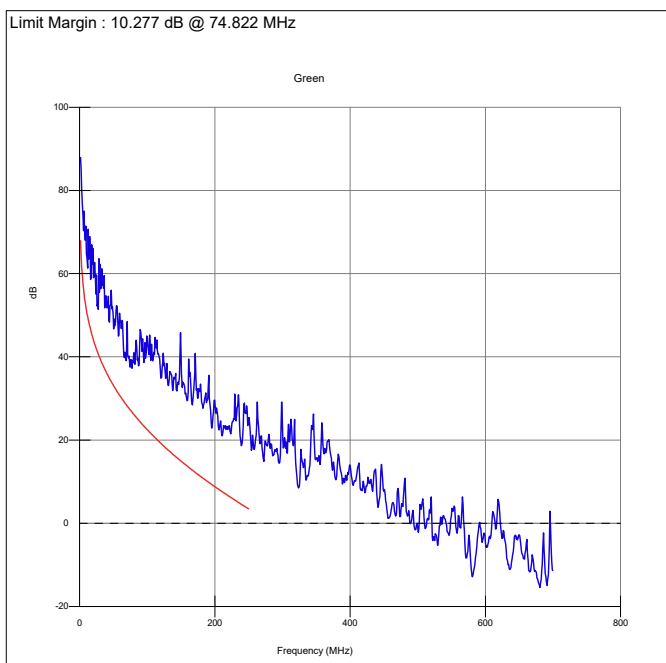
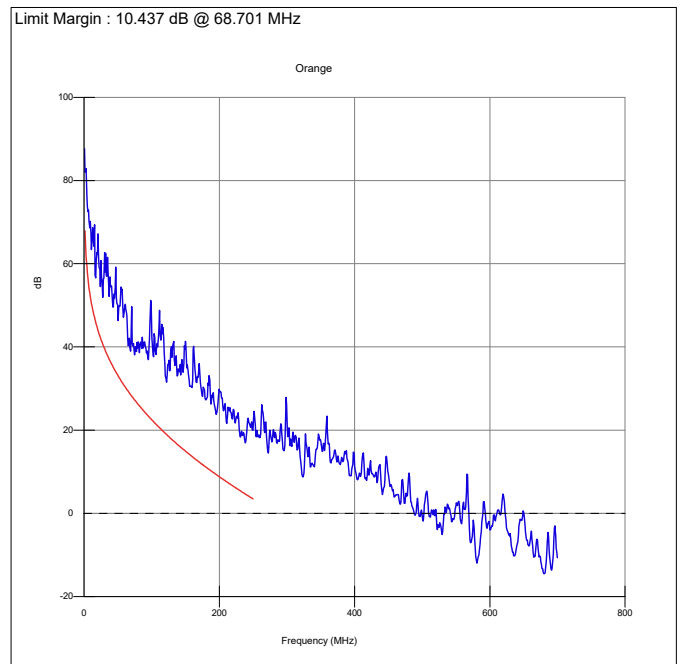
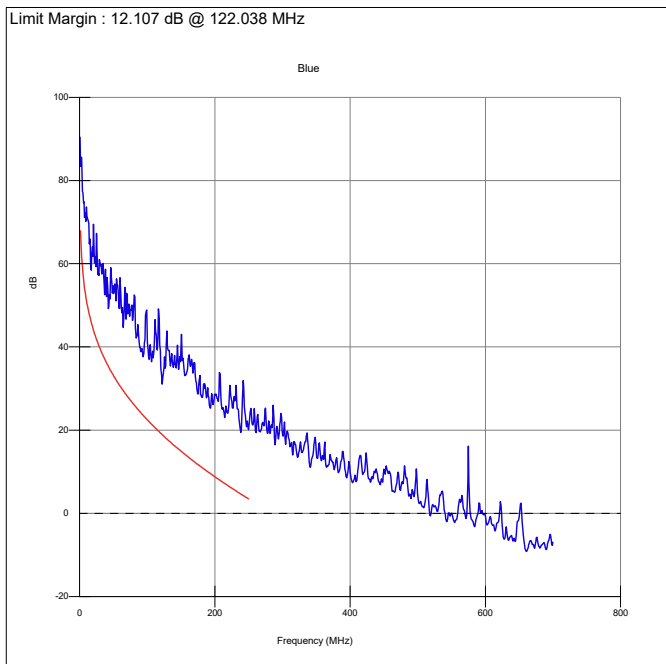


<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



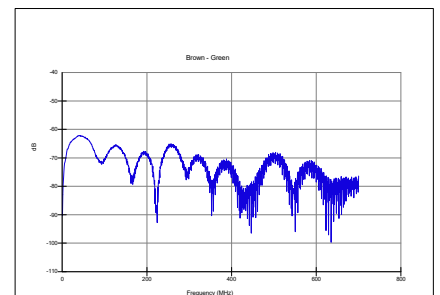
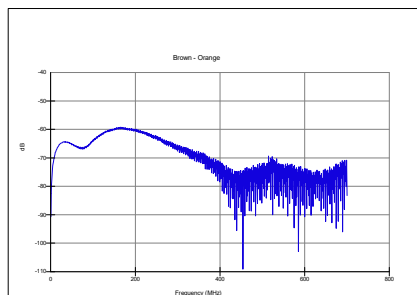
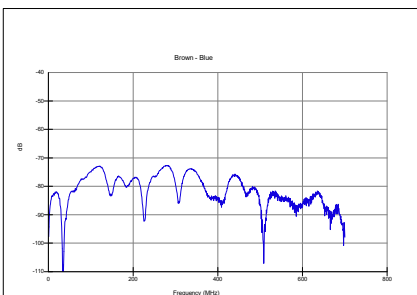
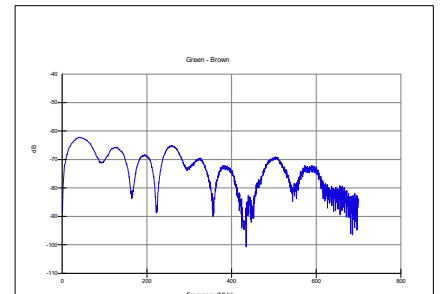
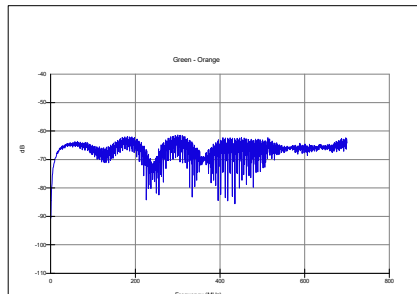
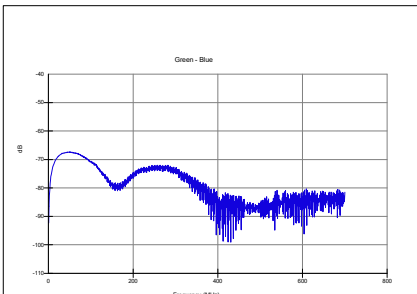
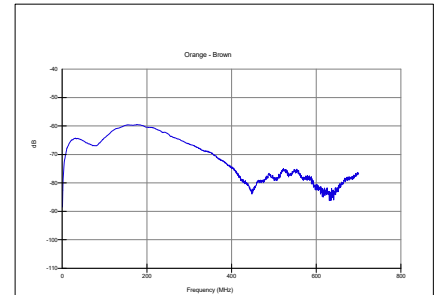
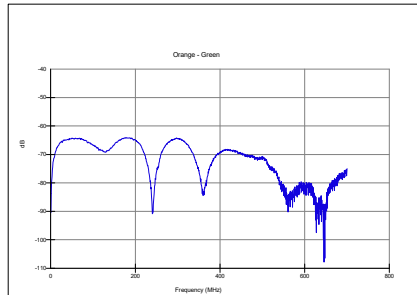
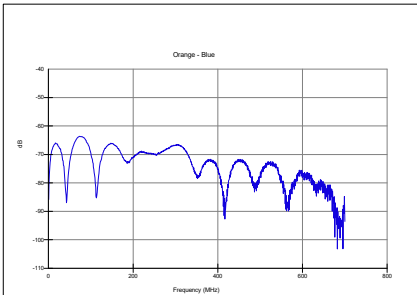
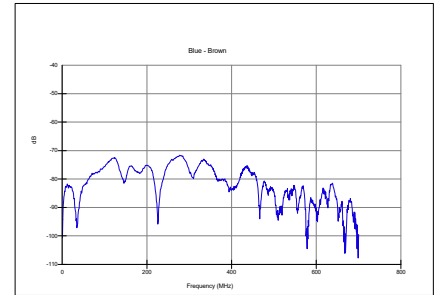
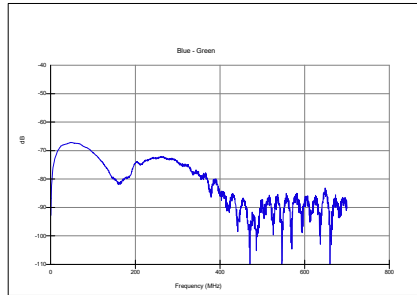
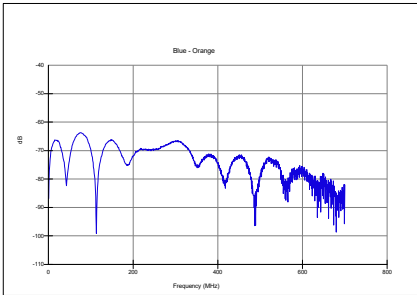
## PSACR - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



## FEXT - Near End

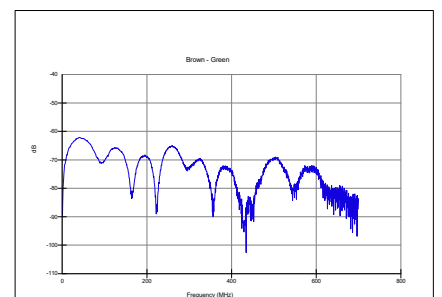
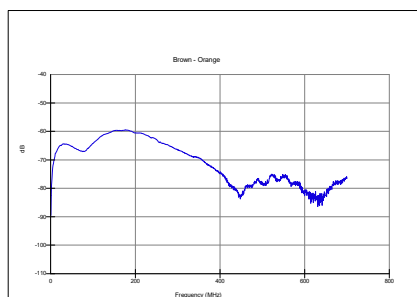
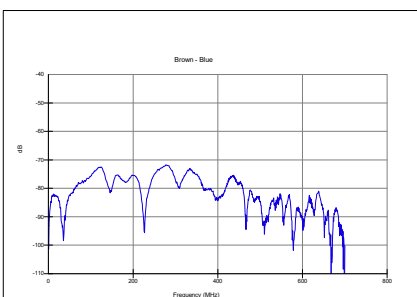
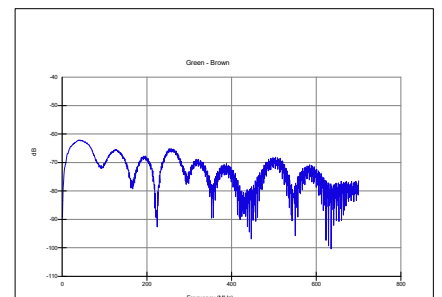
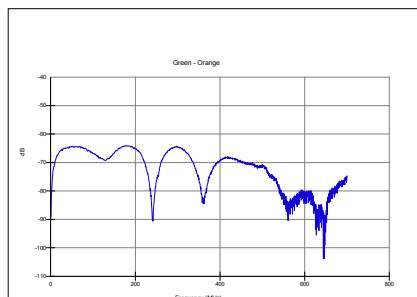
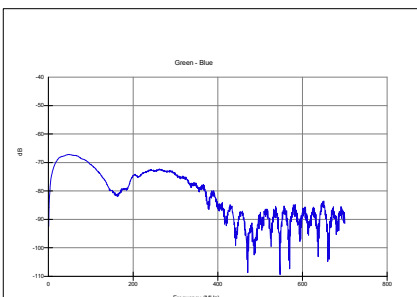
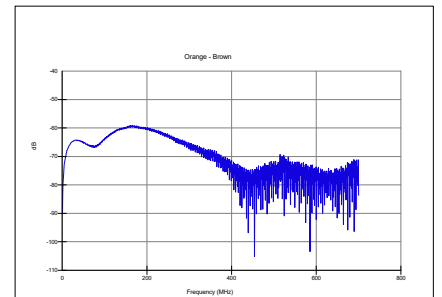
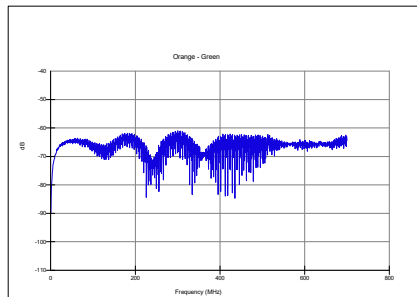
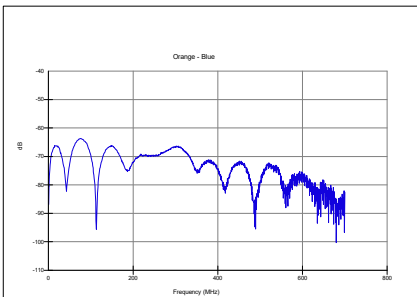
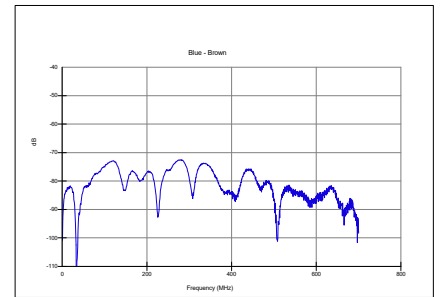
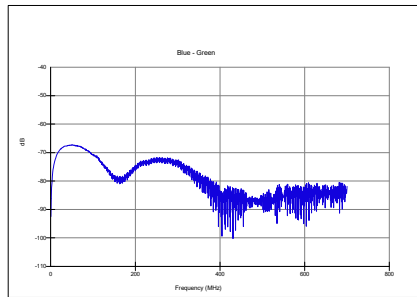
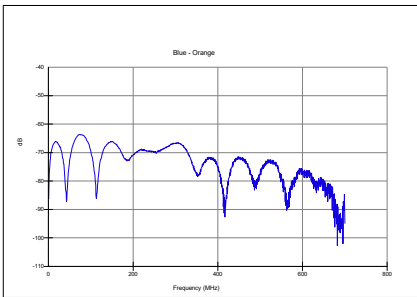
<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		





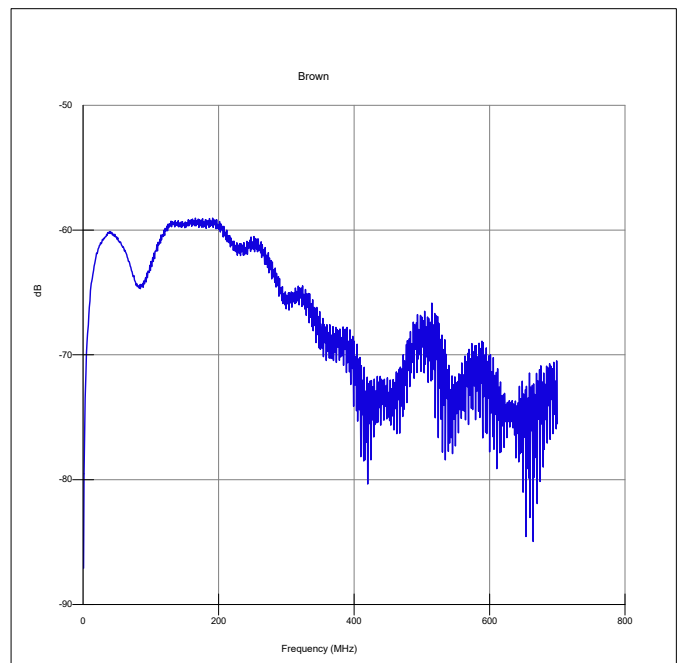
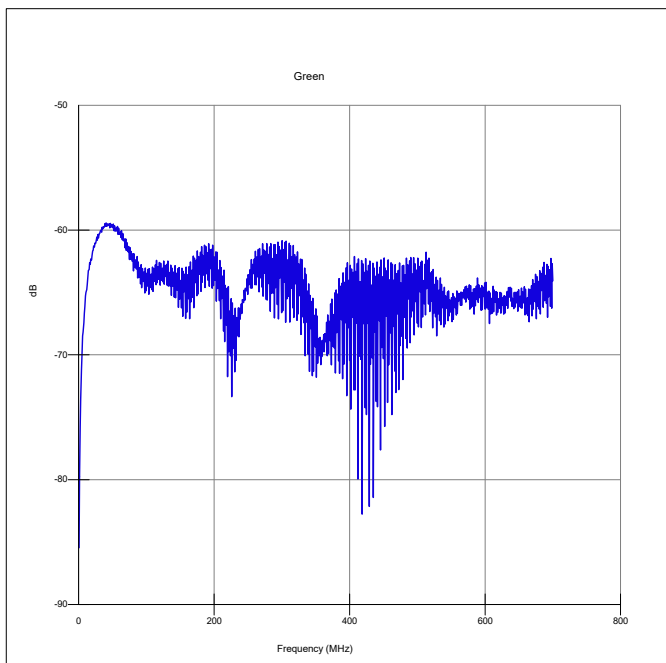
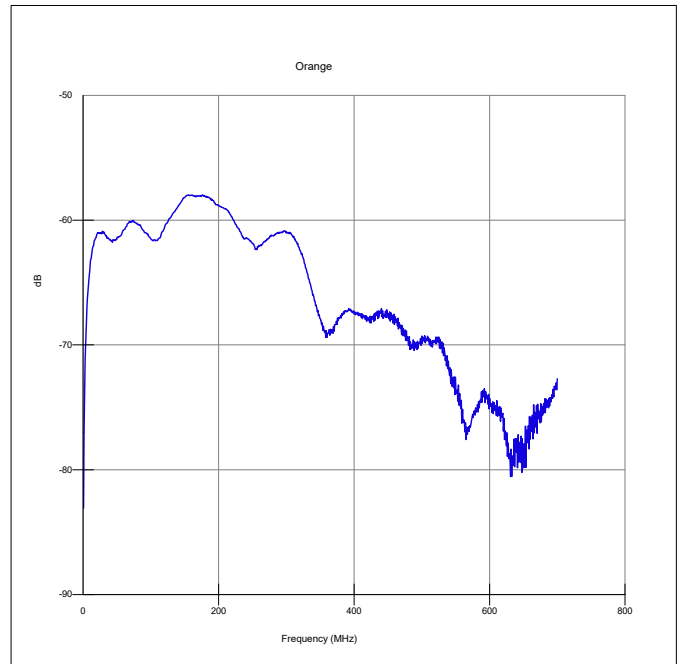
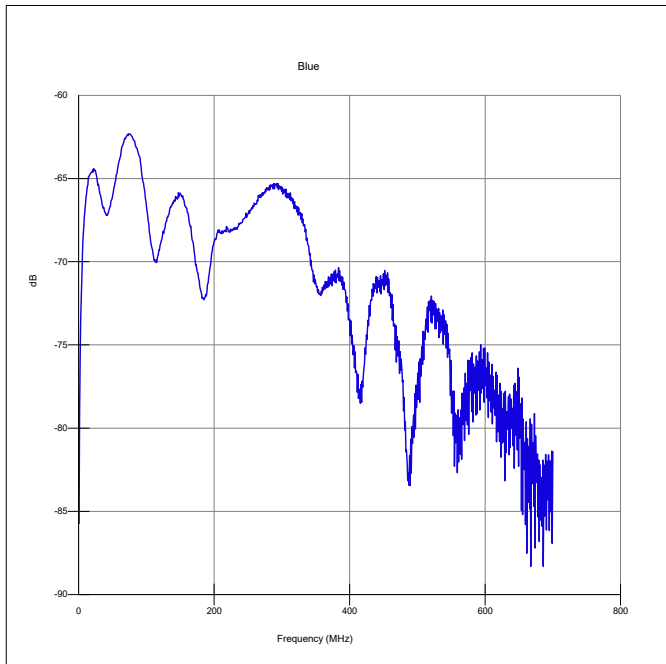
## FEXT - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



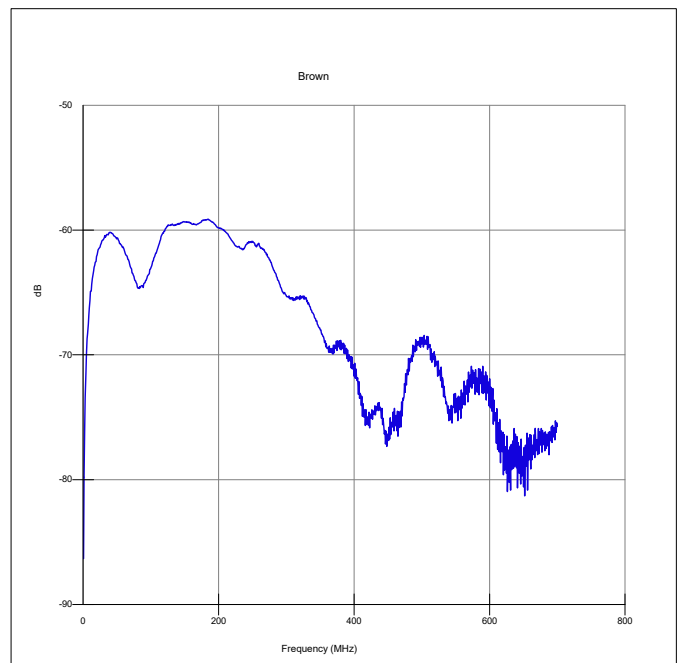
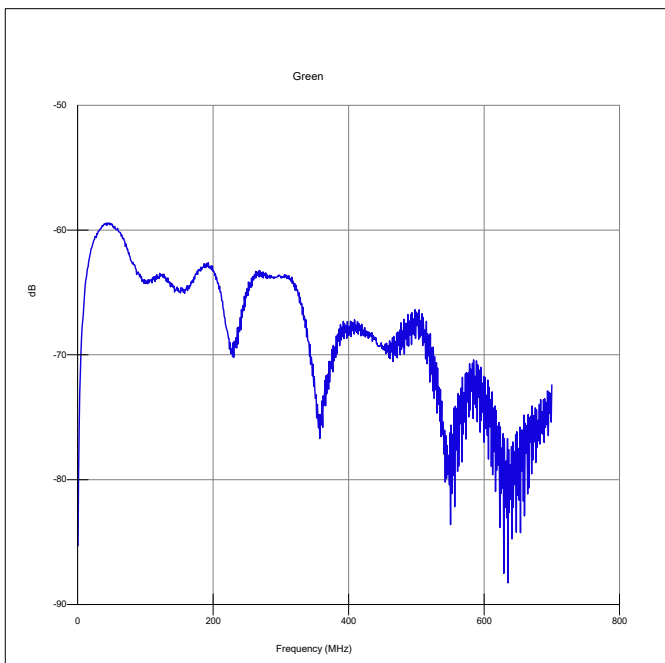
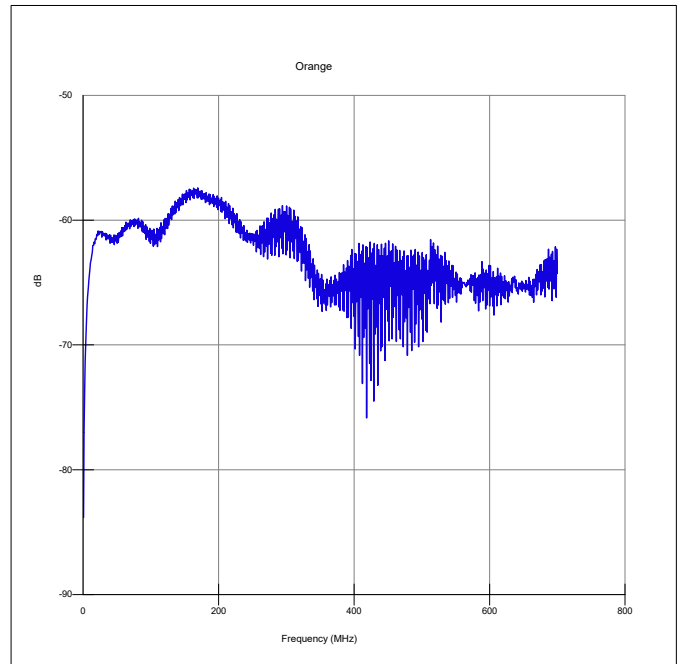
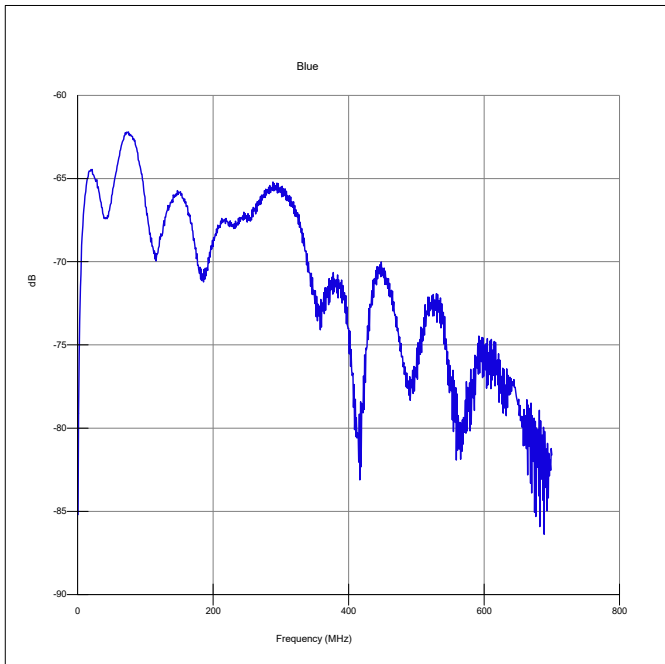
## PSFEXT - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



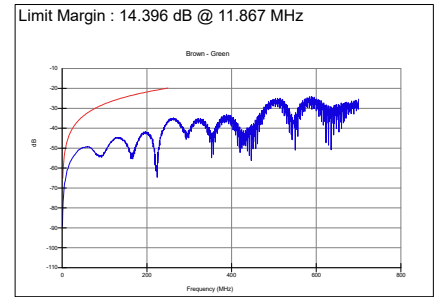
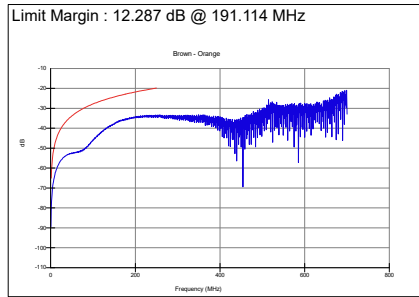
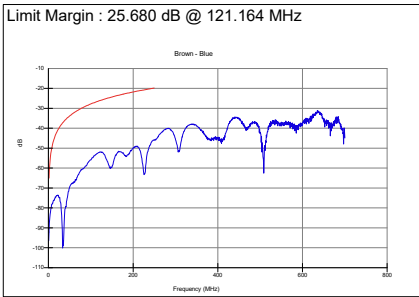
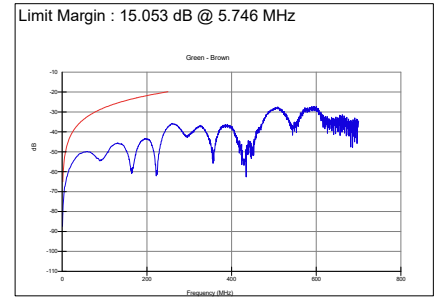
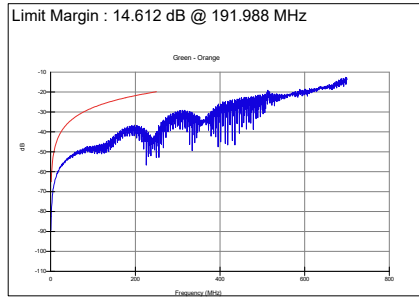
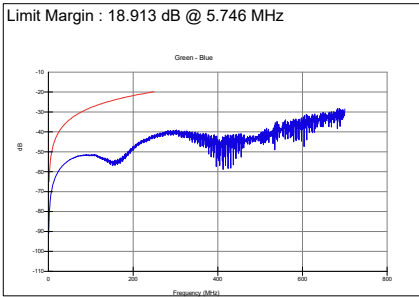
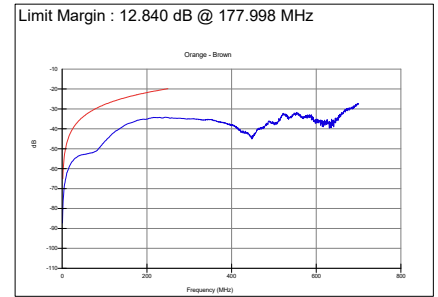
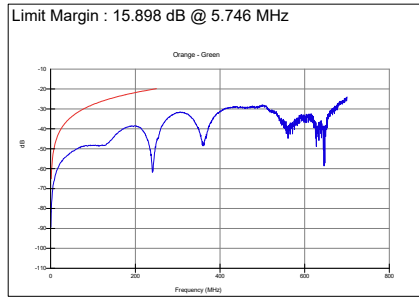
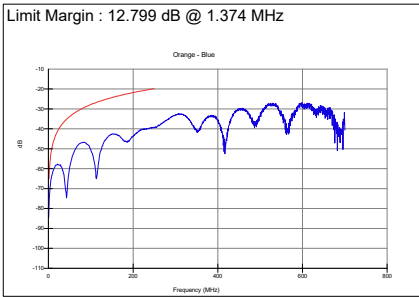
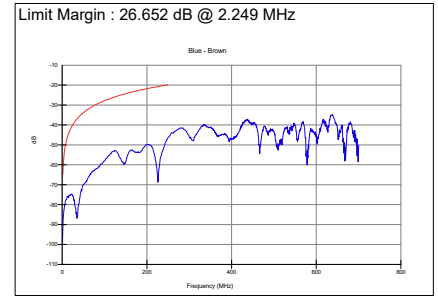
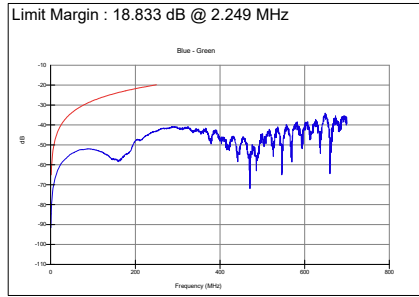
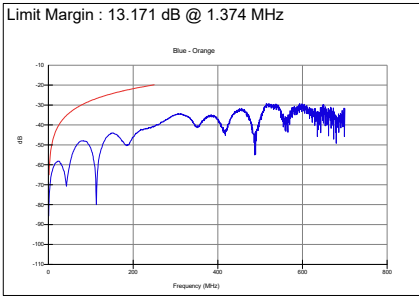
## PSFEXT - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



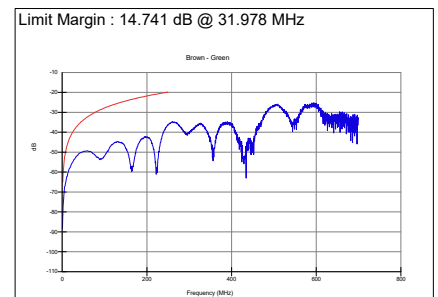
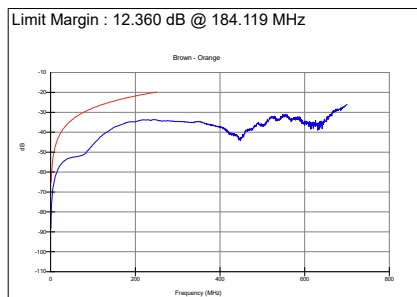
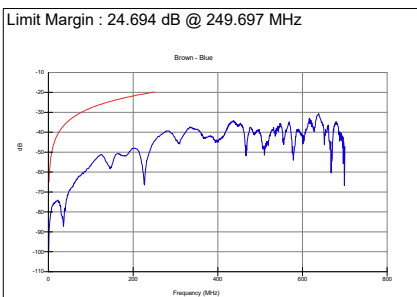
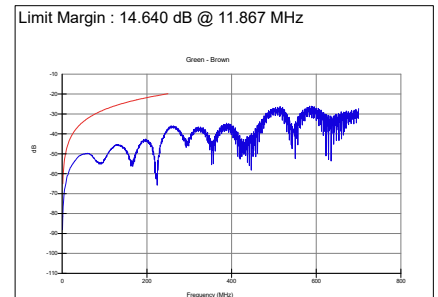
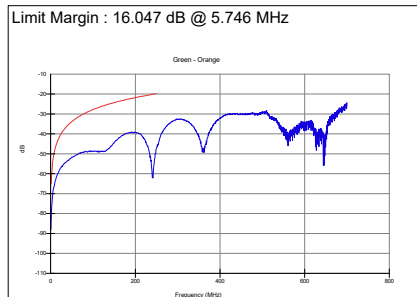
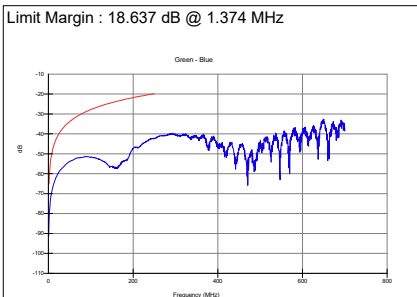
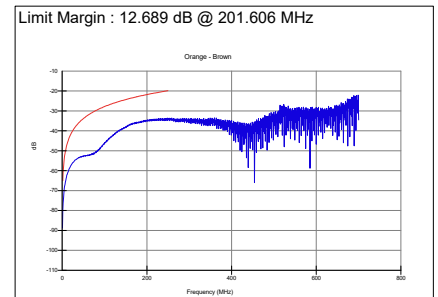
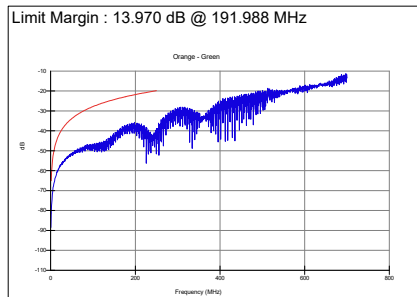
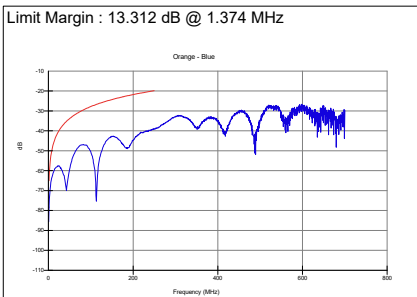
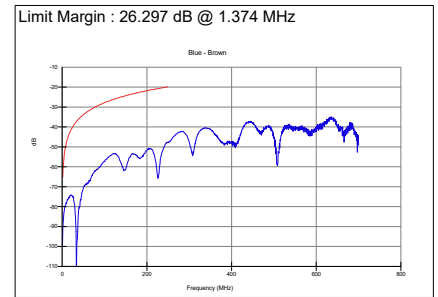
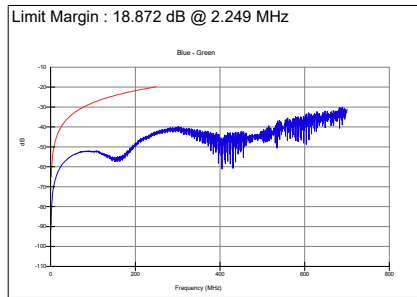
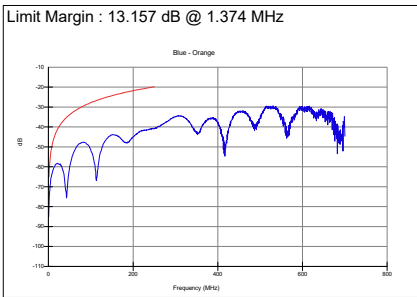
## ACRF (ELFEXT) - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



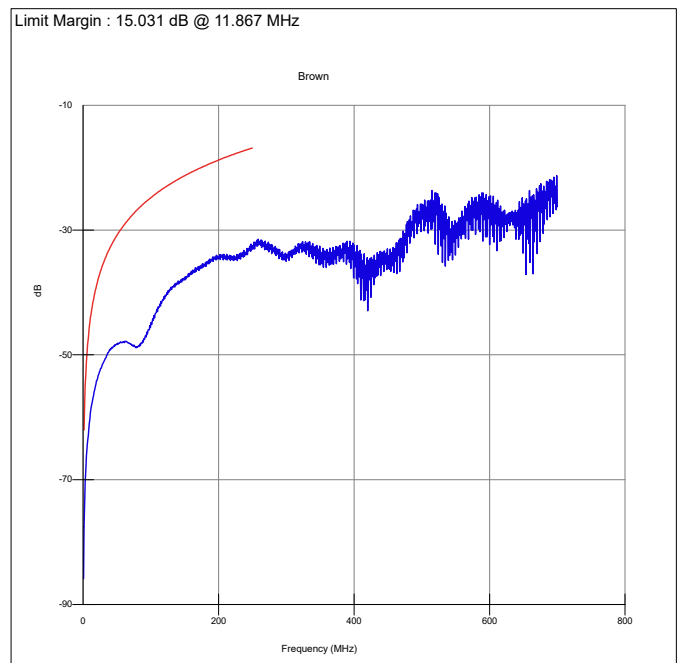
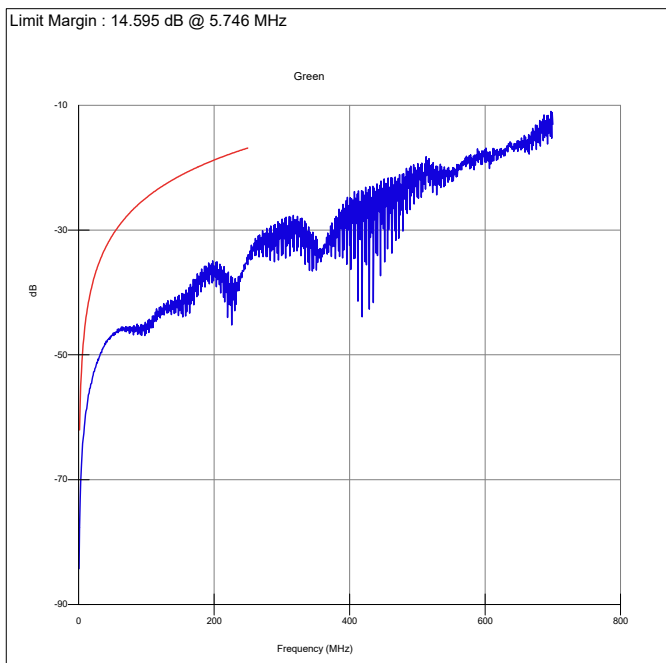
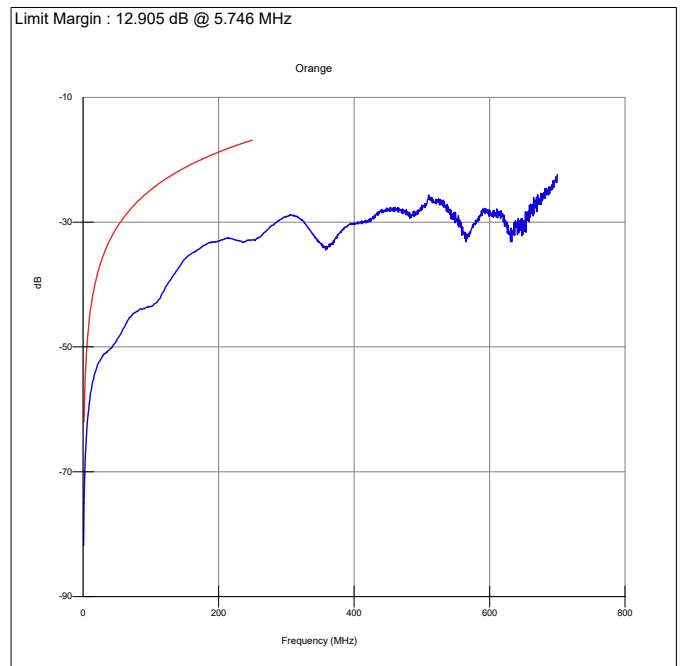
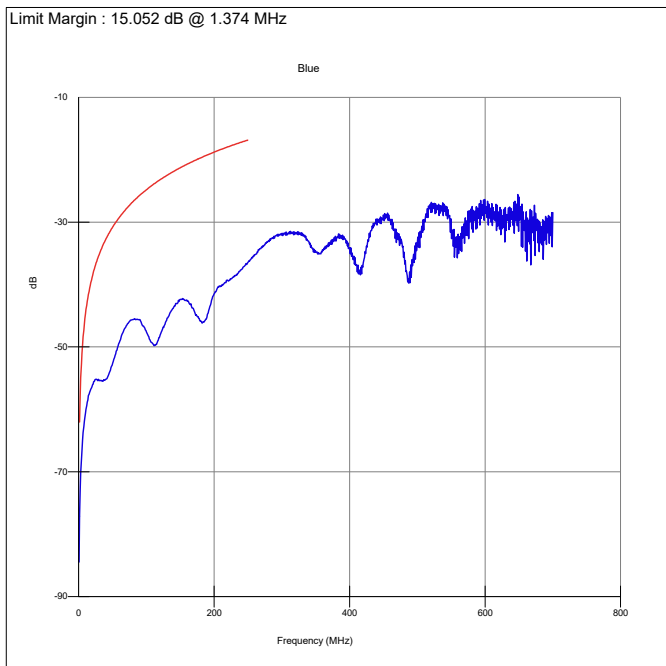
## ACRF (ELFEXT) - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



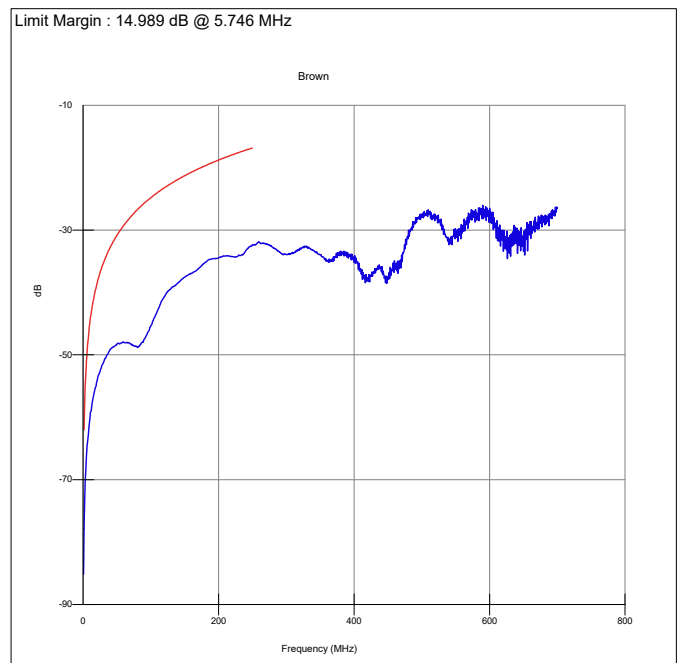
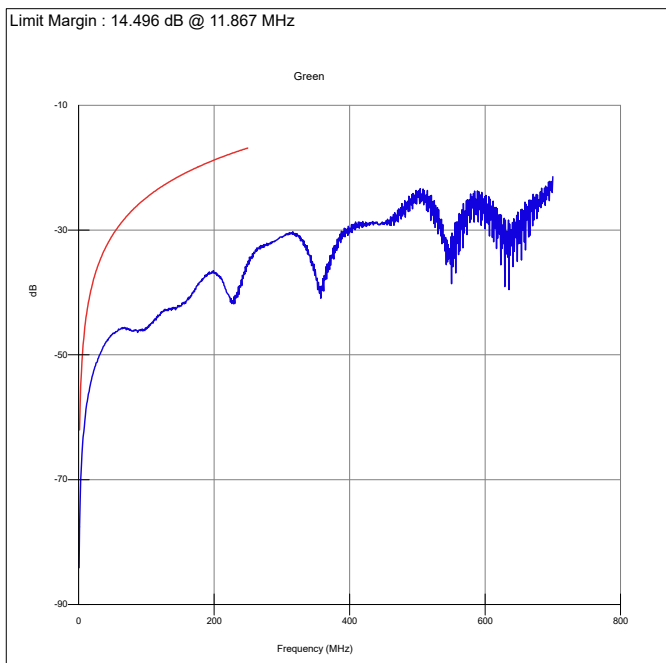
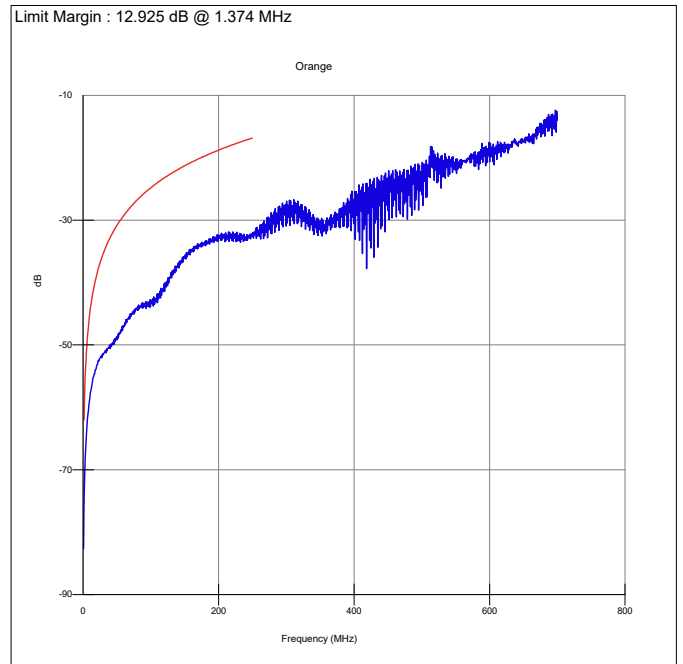
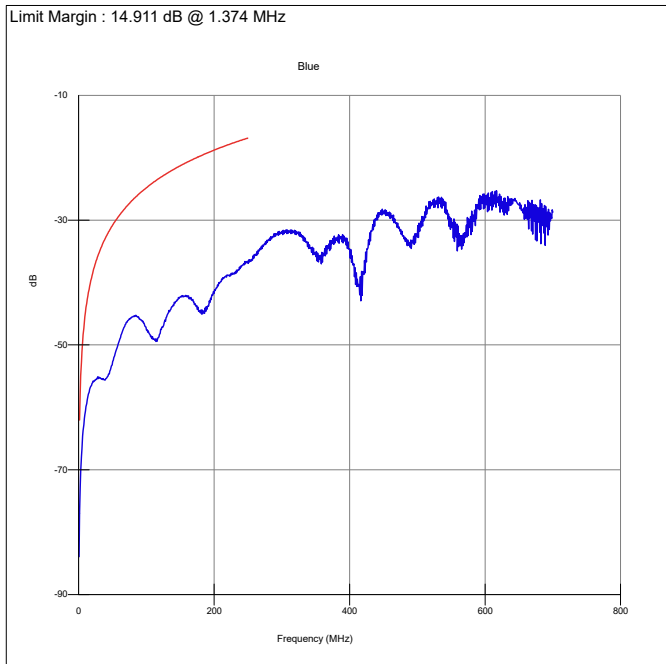
## PSACRF (PSELFEXT) - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



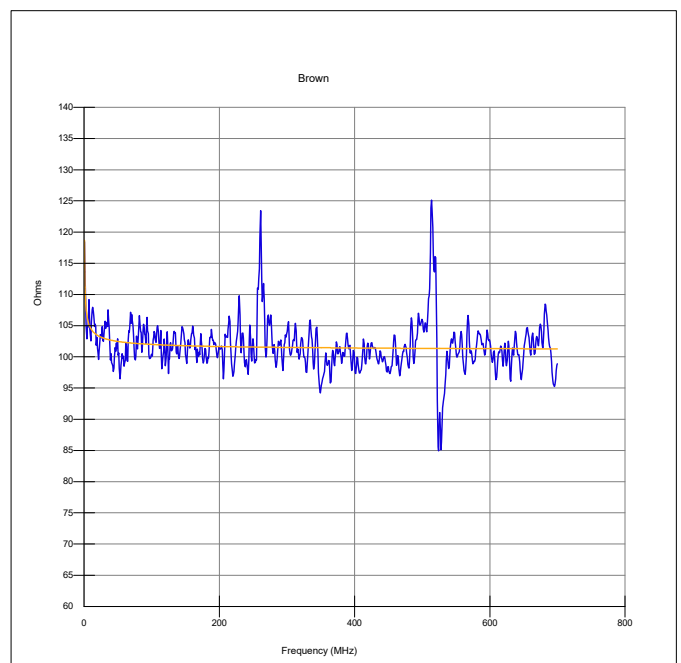
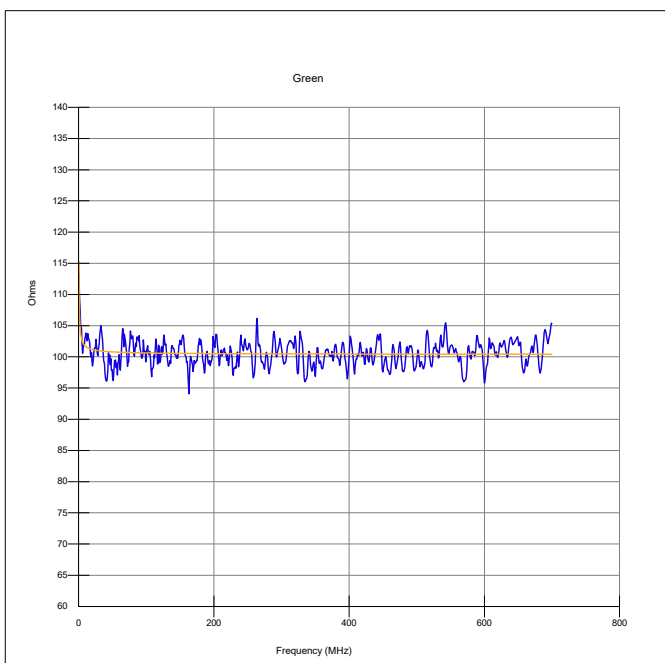
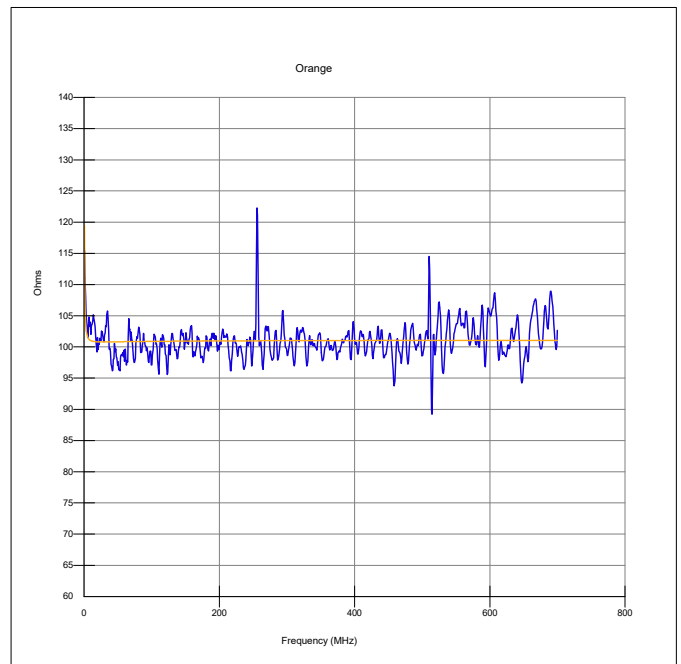
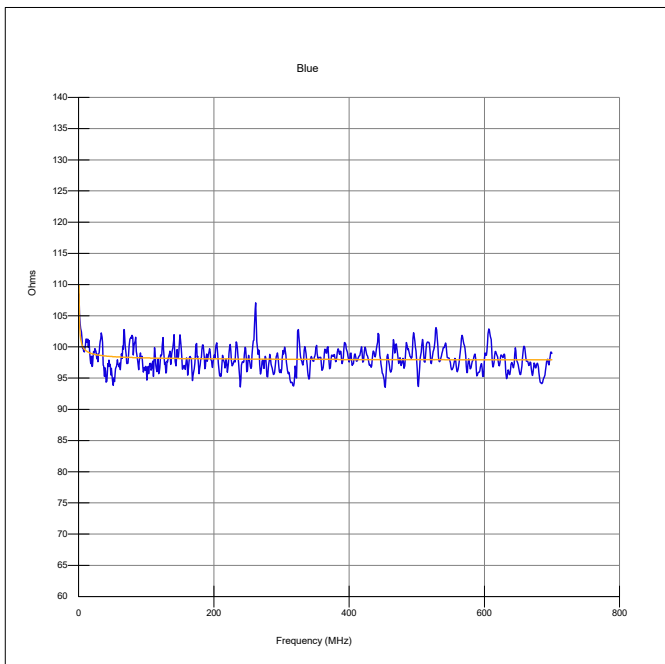
## PSACRF (PSELFEXT) - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



## Impedance - Near End

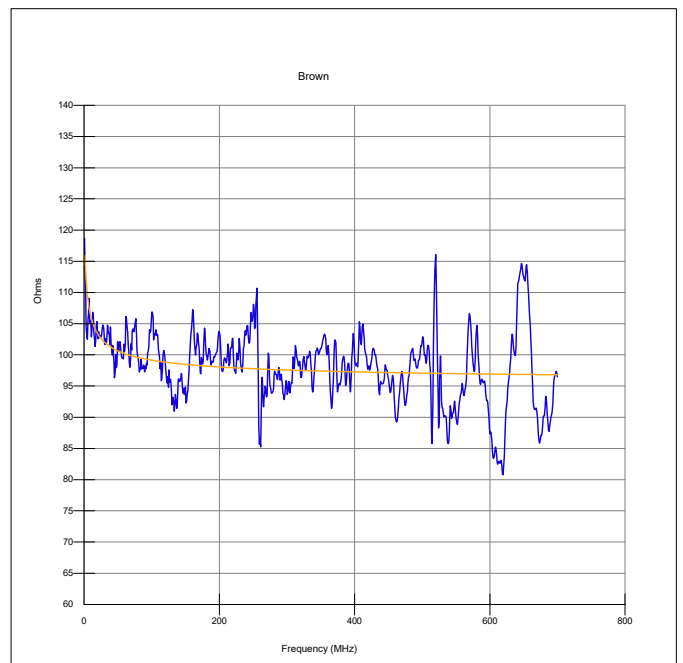
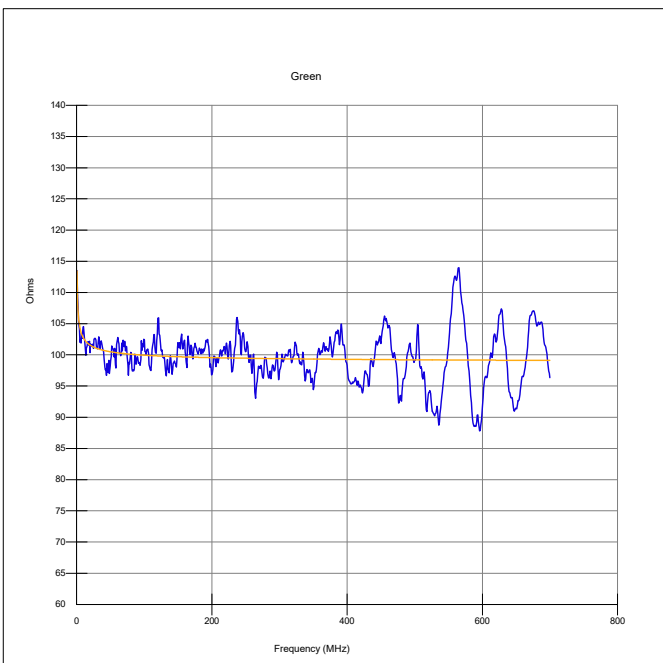
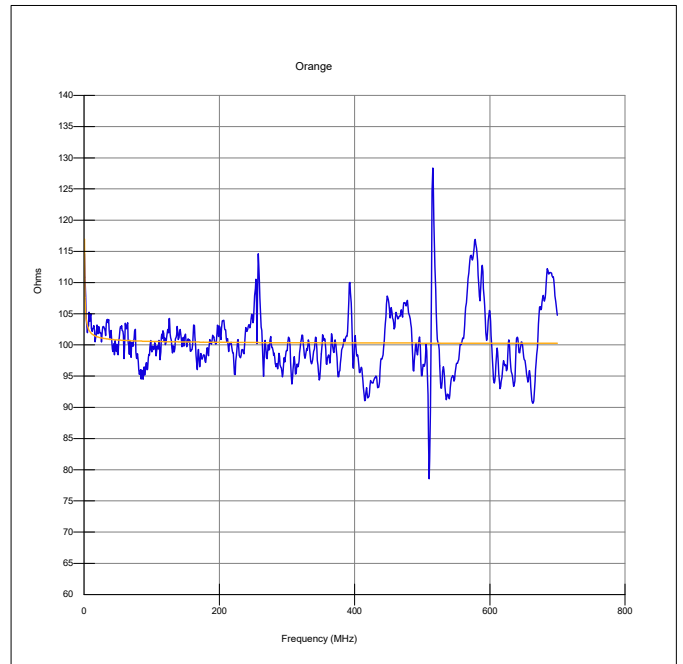
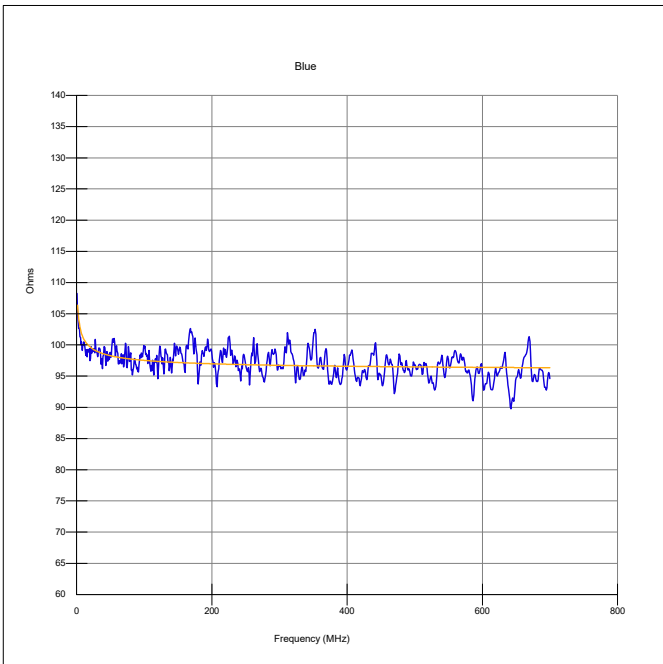
<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		





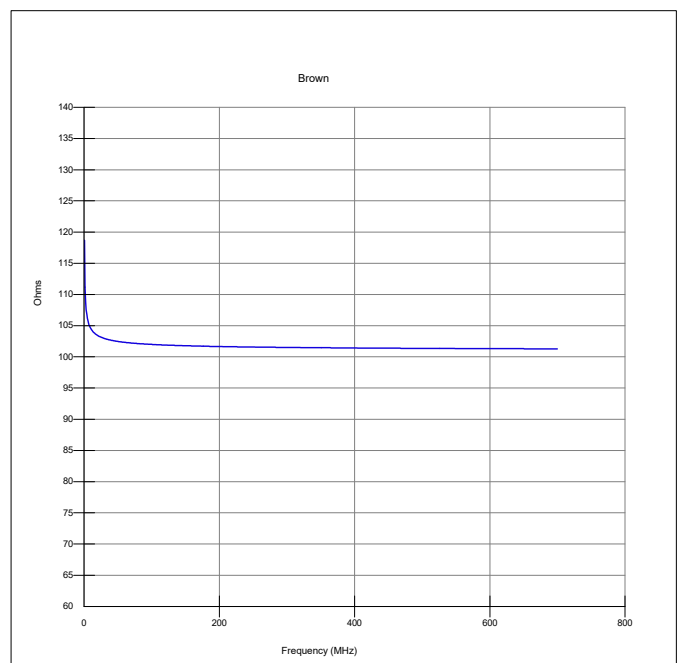
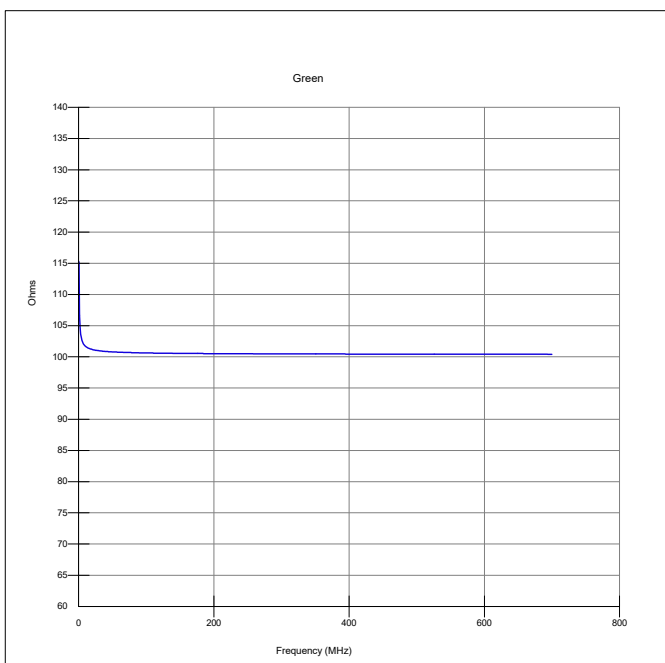
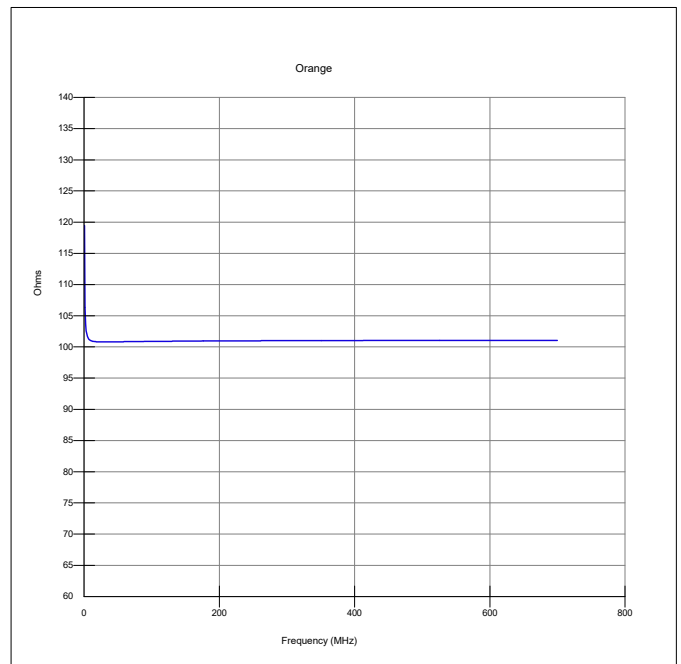
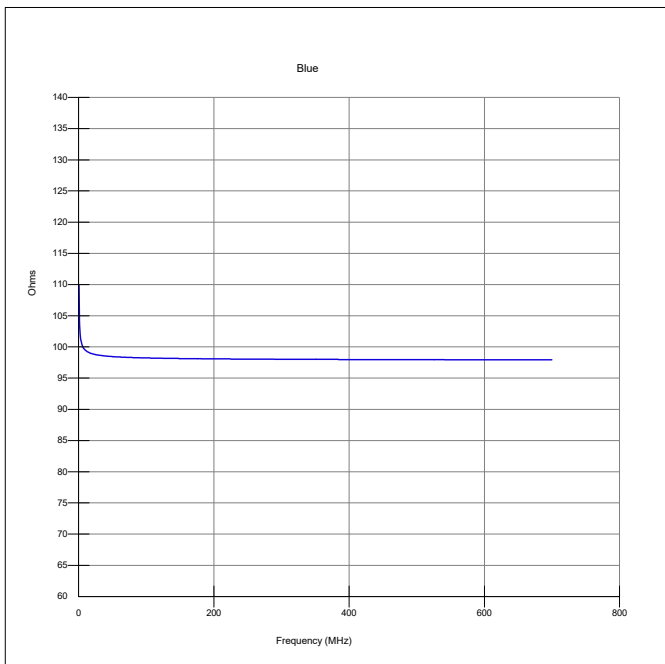
## Impedance - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



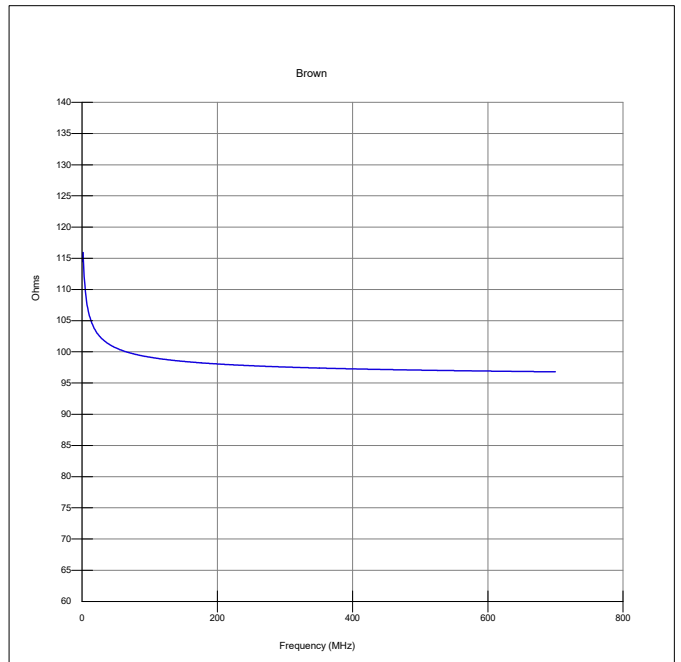
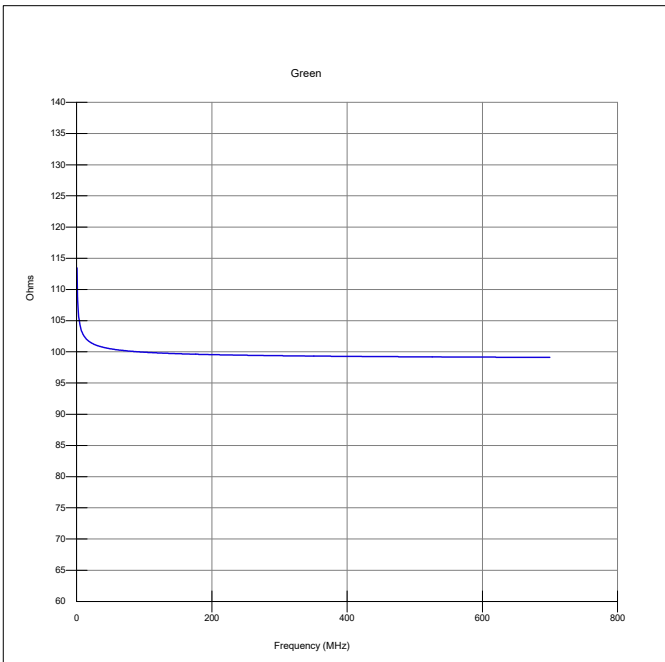
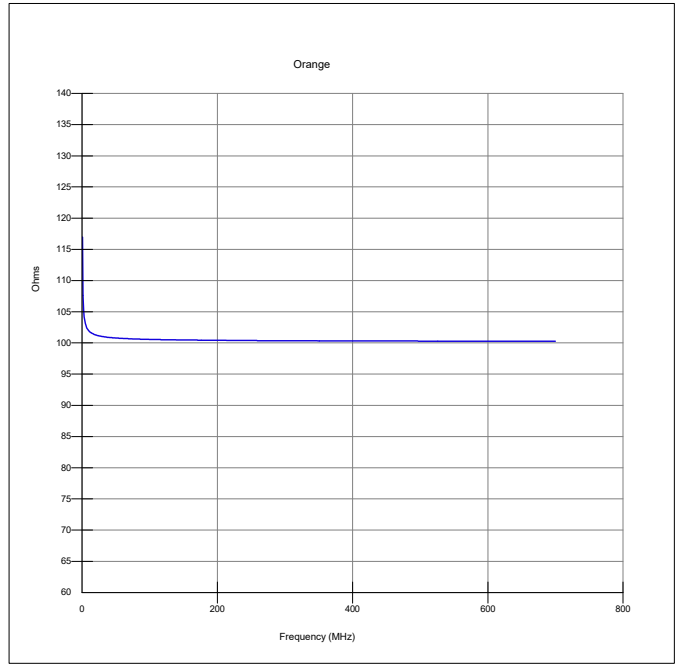
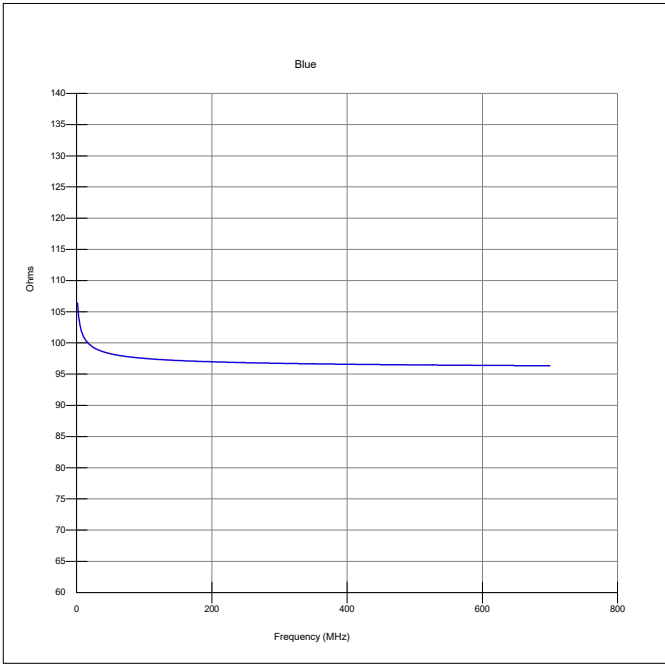
## Fitted Impedance - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



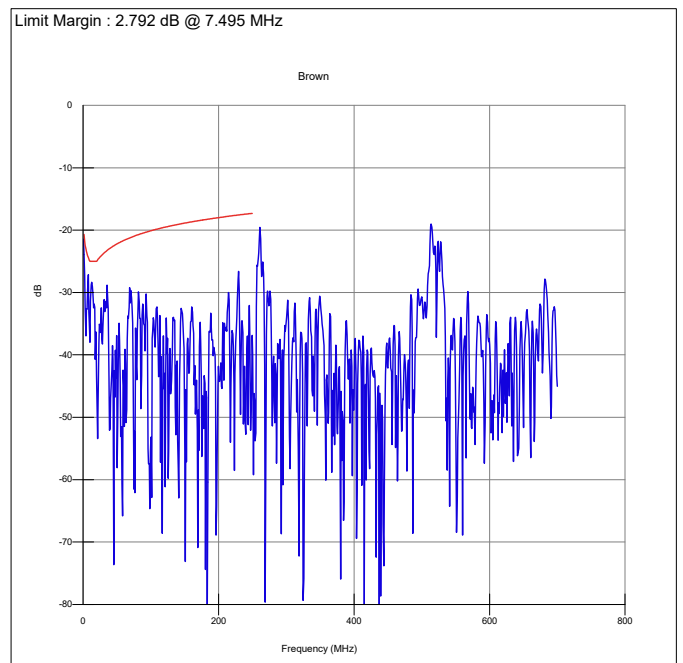
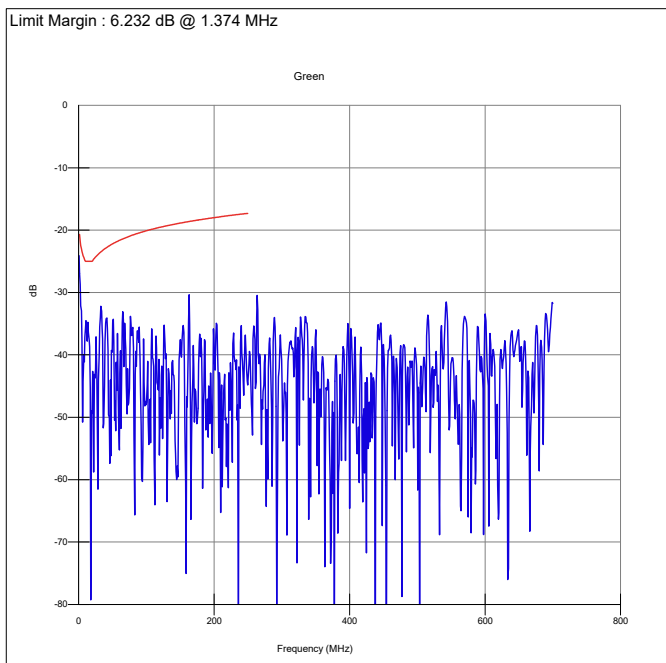
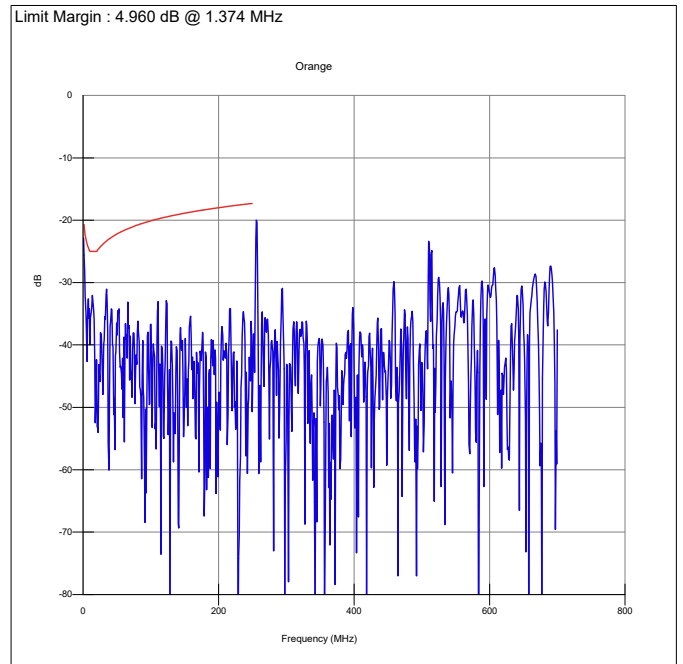
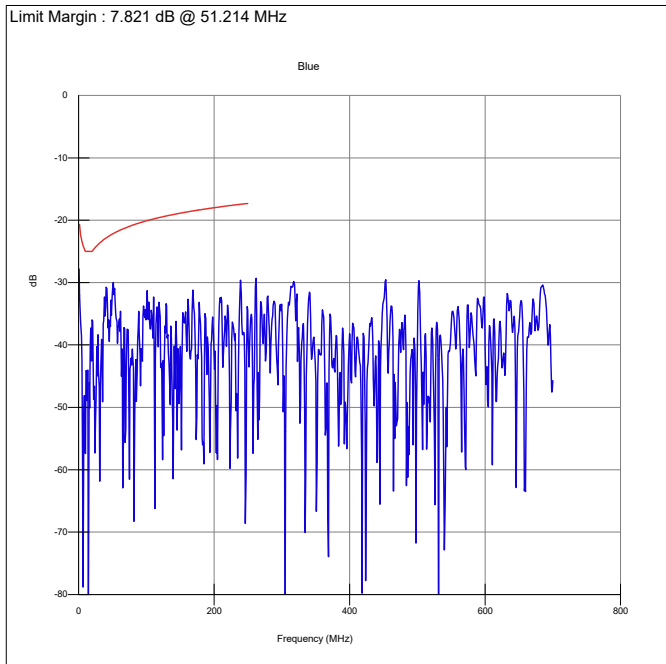
## Fitted Impedance - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



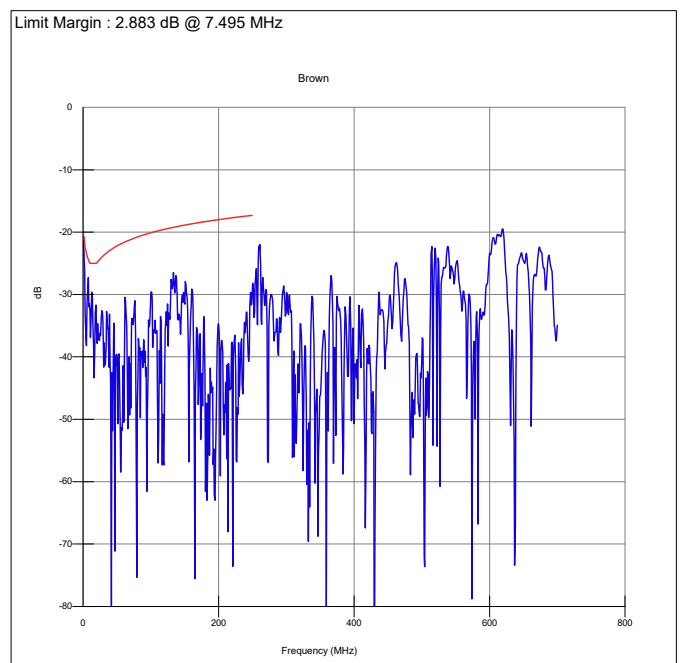
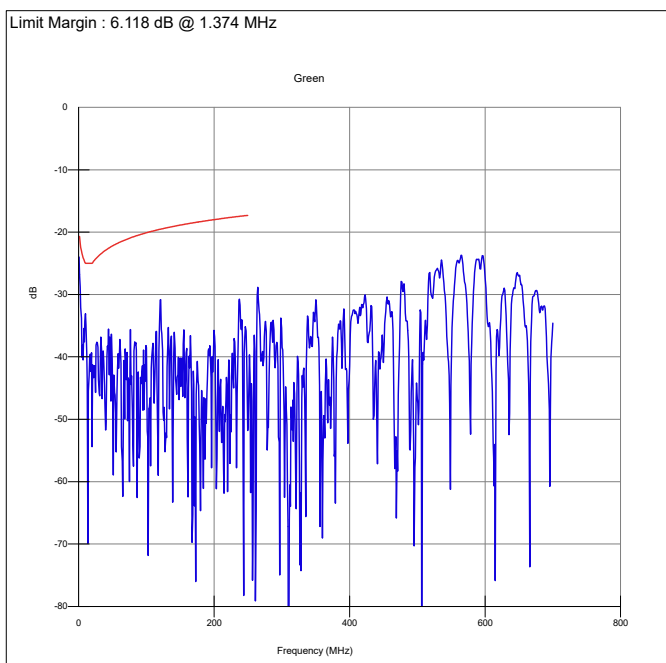
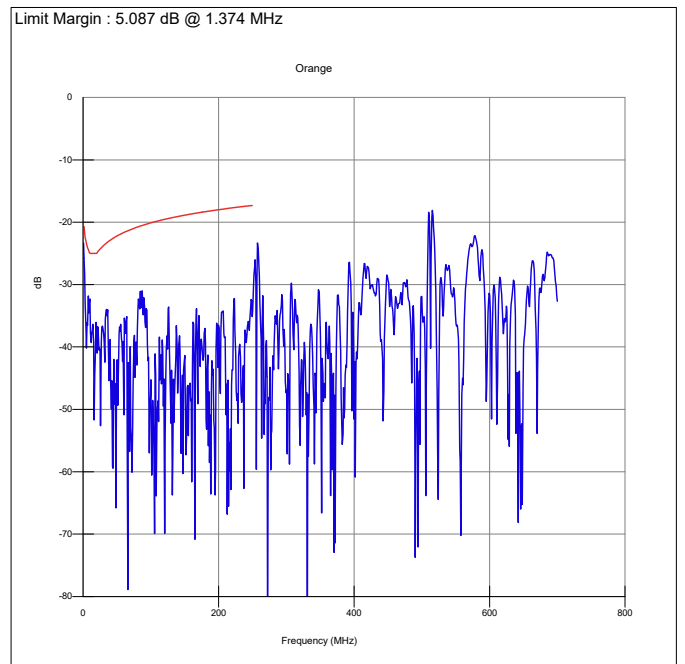
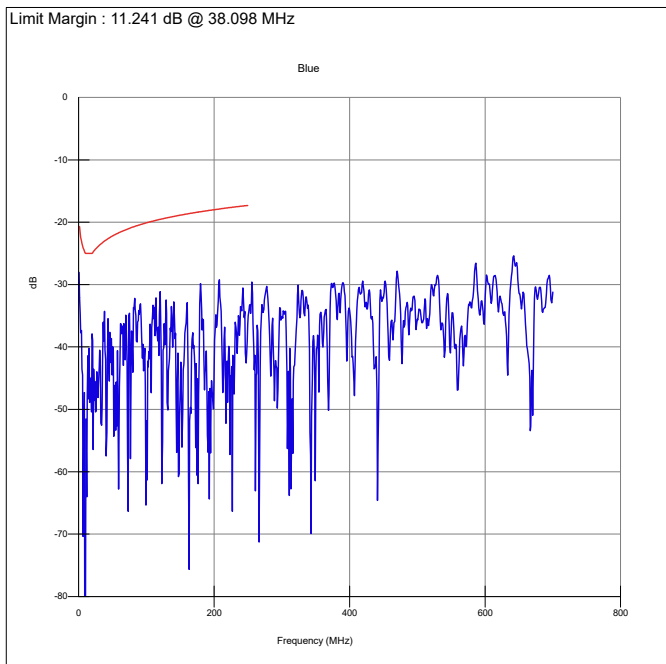
## Return Loss - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



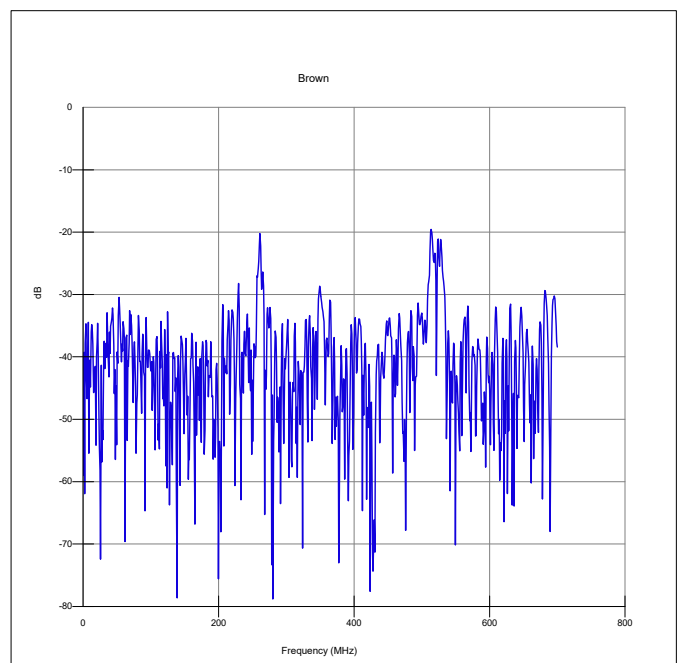
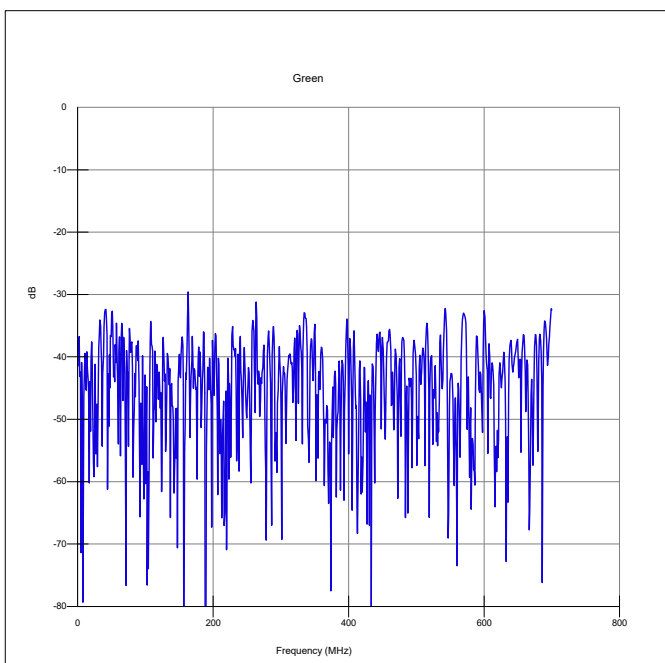
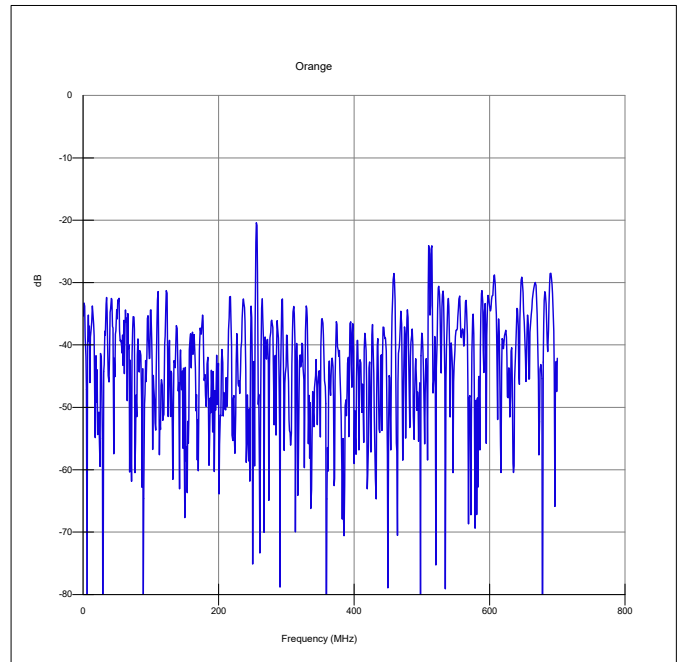
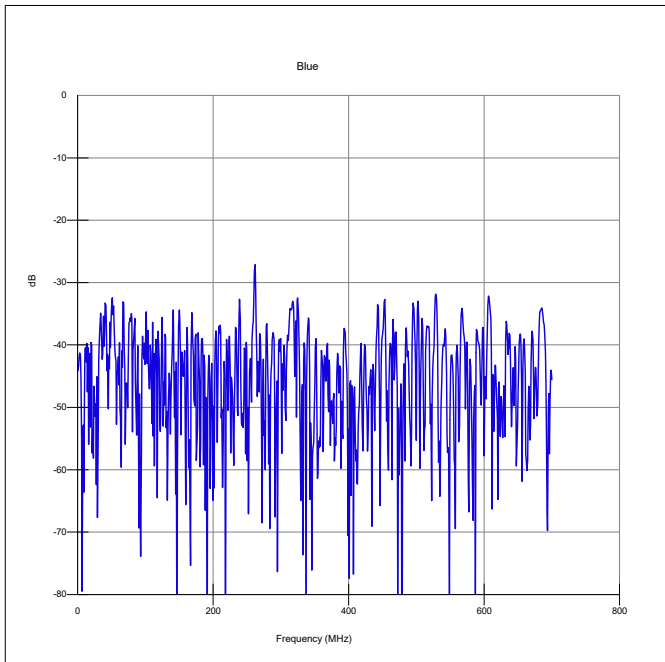
## Return Loss - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



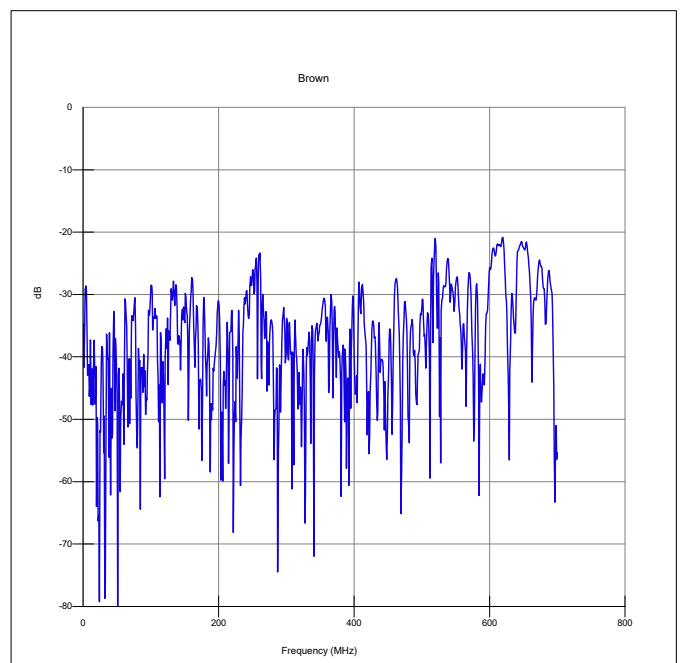
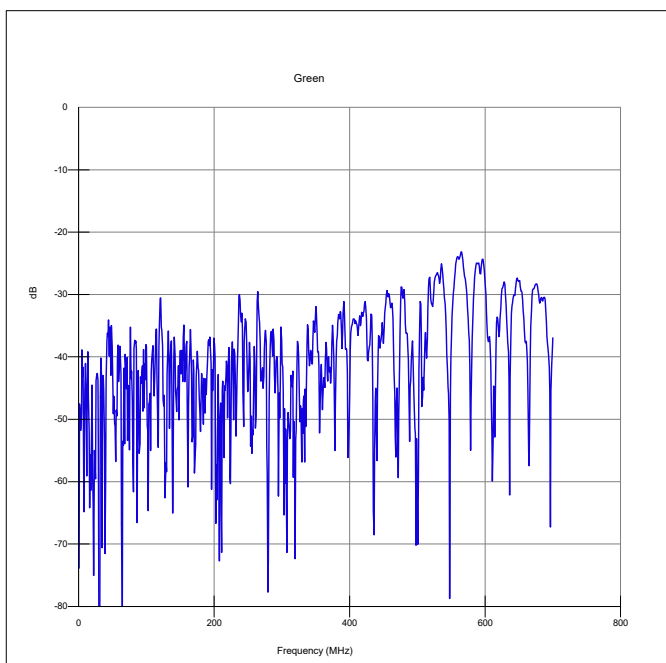
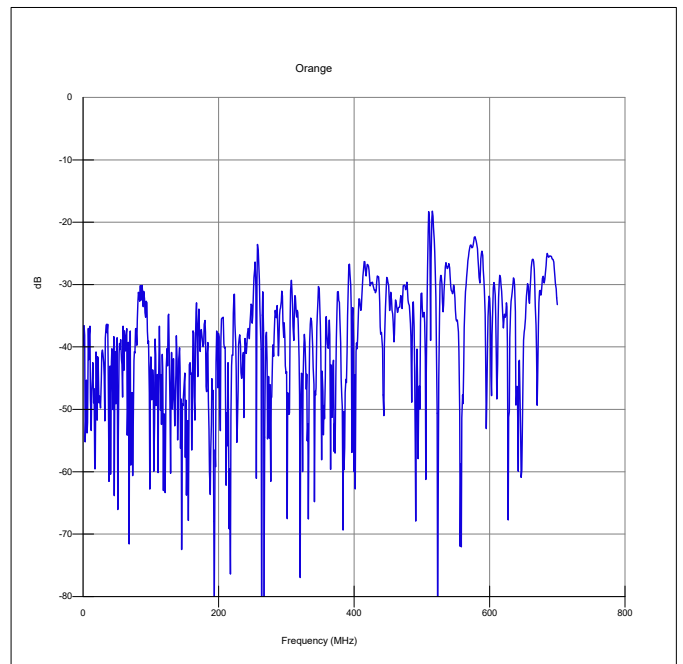
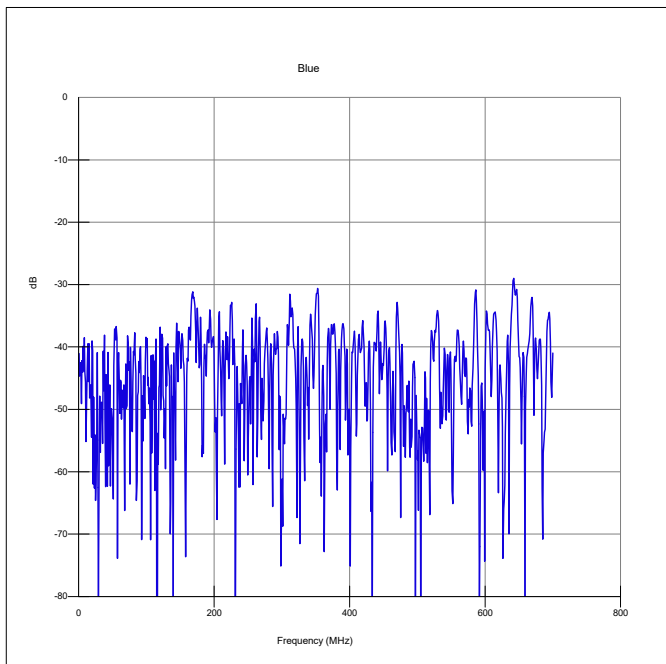
## SRL - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



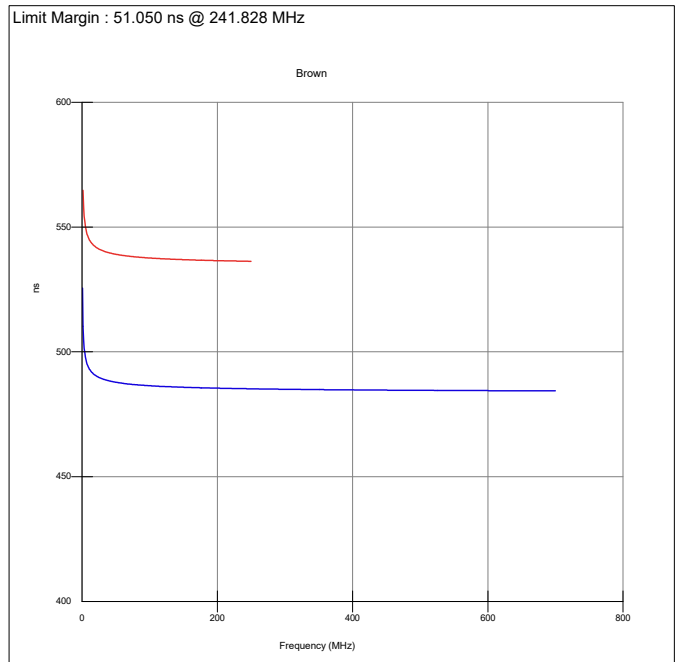
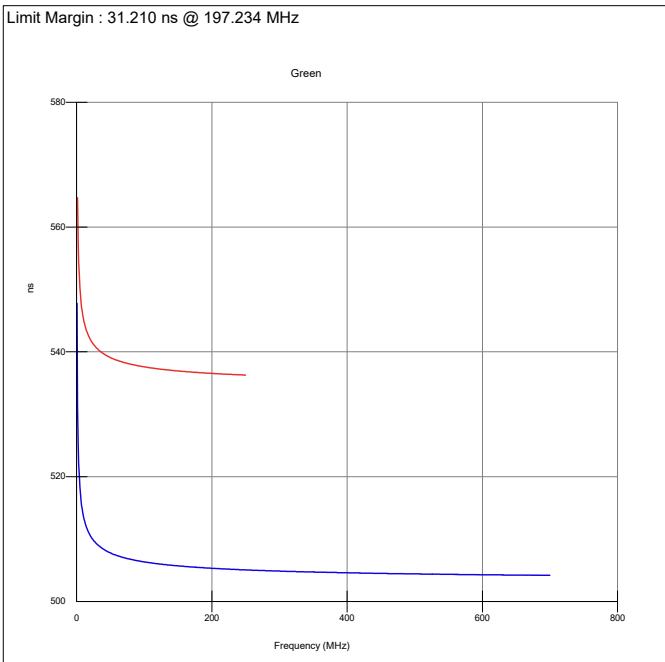
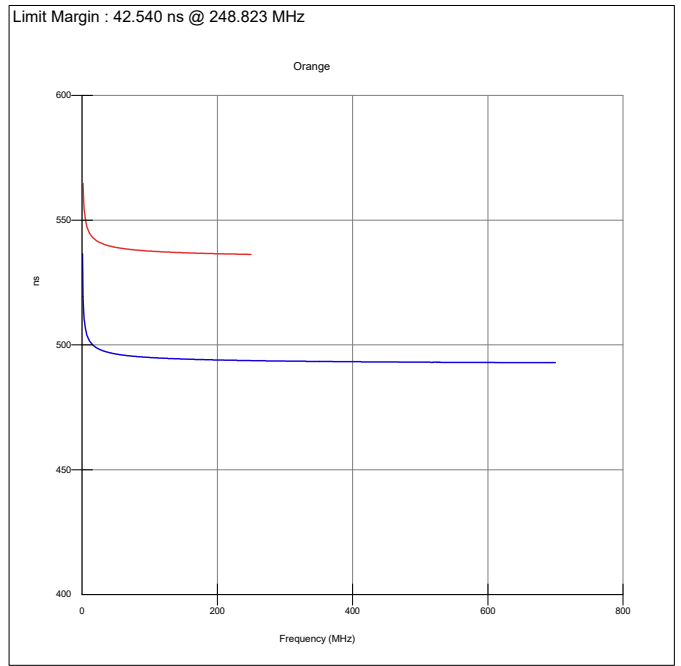
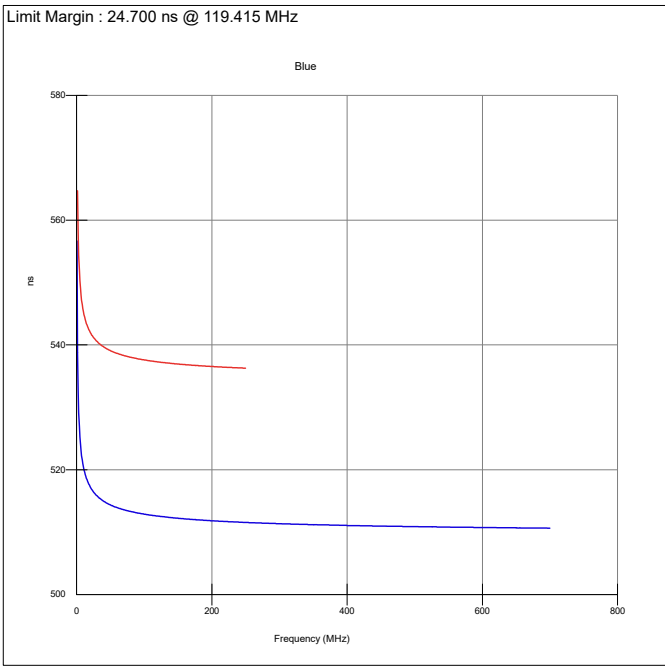
## SRL - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



## Propagation Delay - Near End

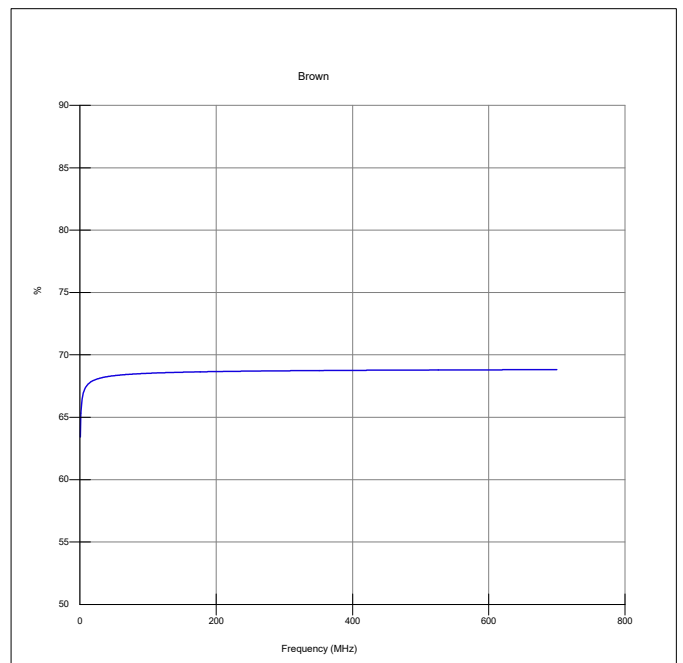
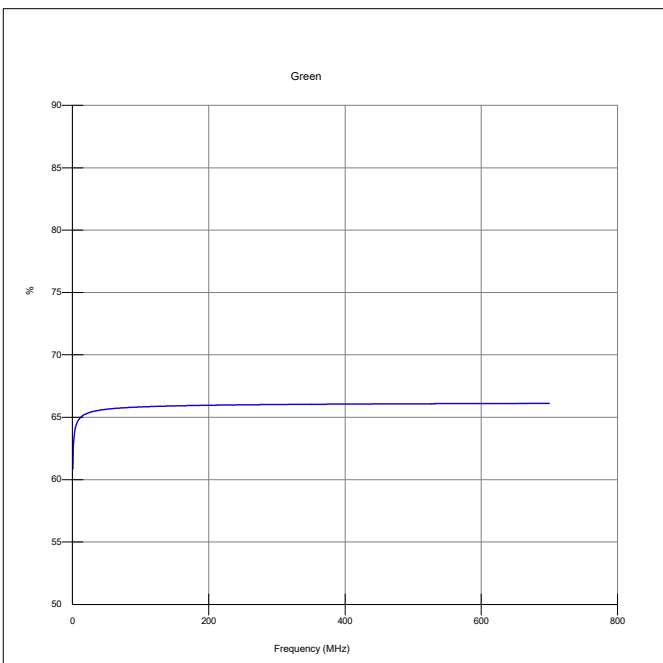
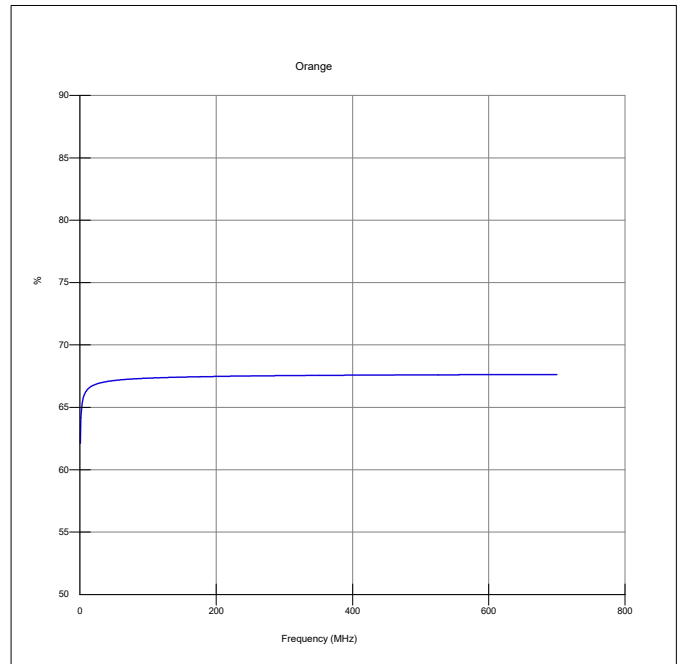
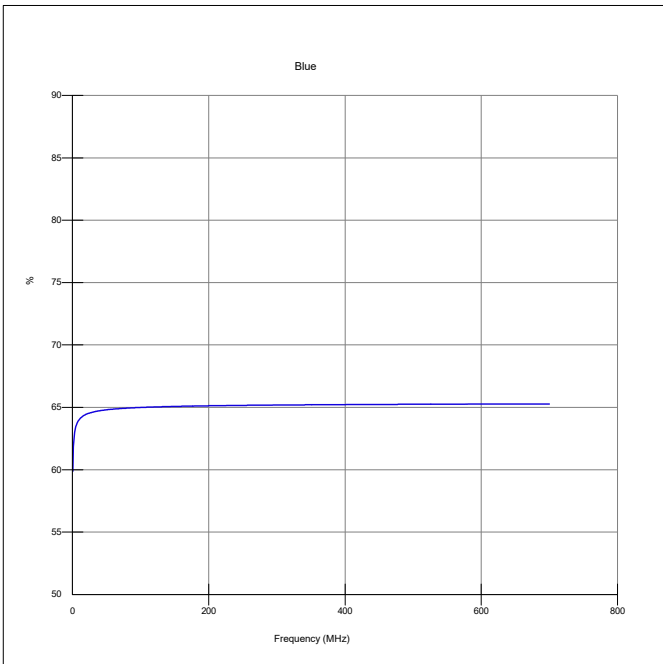
<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		





## Velocity of Propagation - Near End

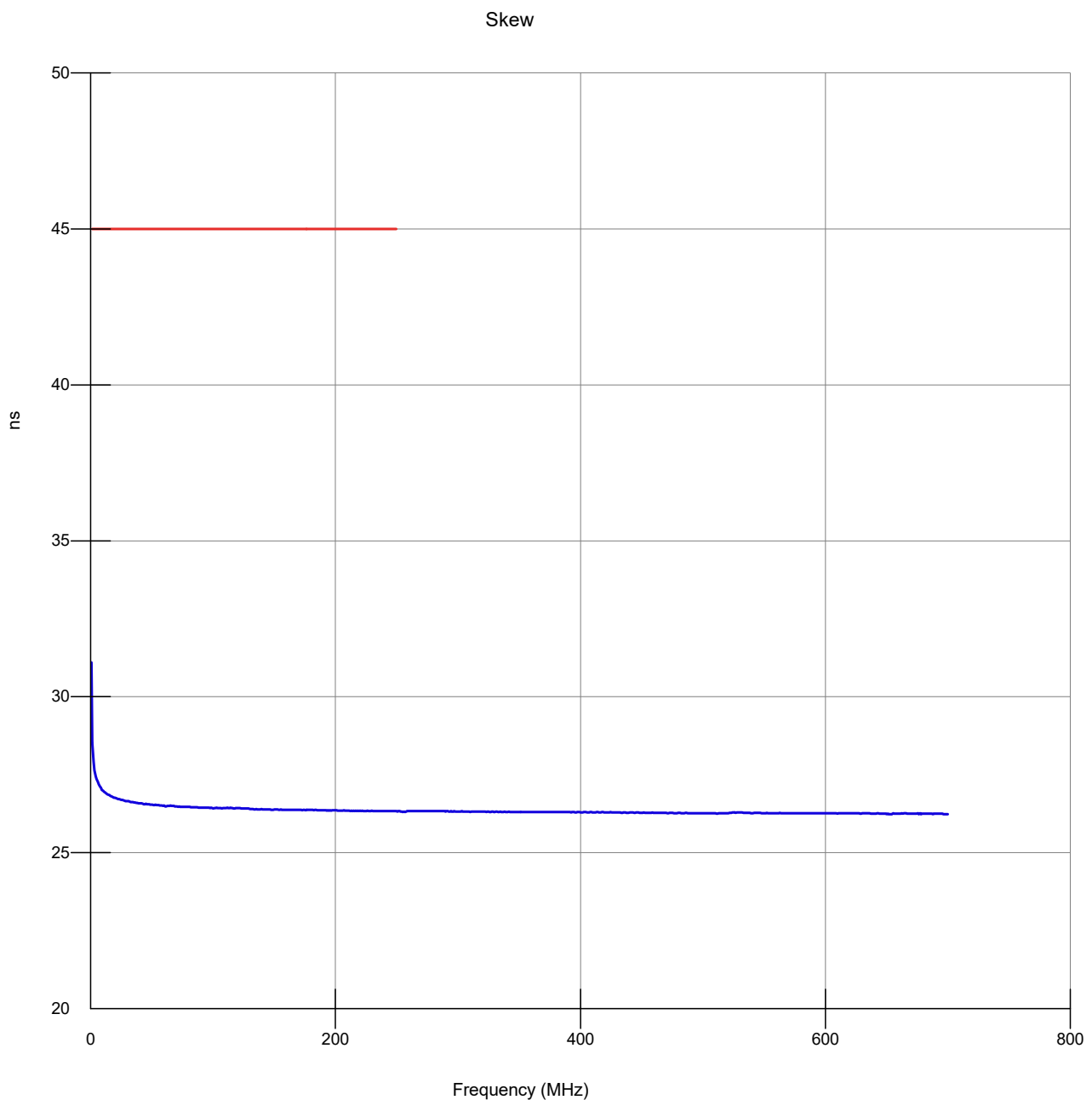
<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



## Propagation Delay Skew - Near End

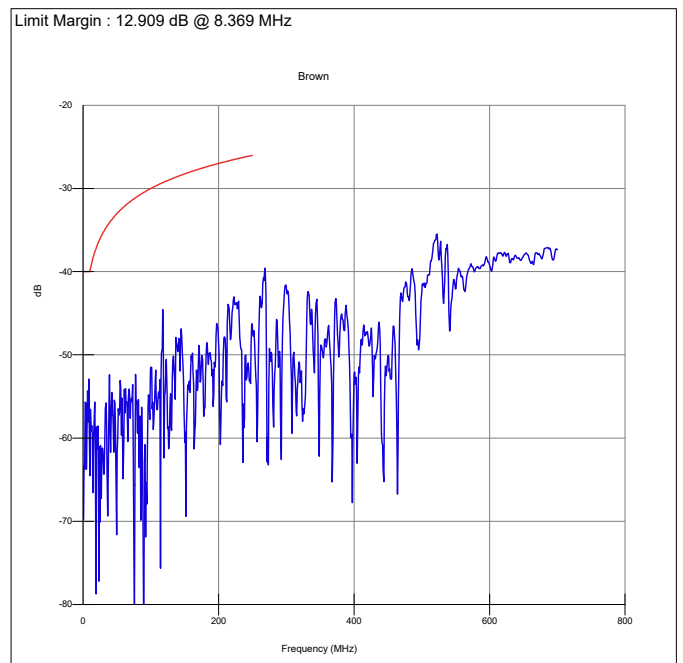
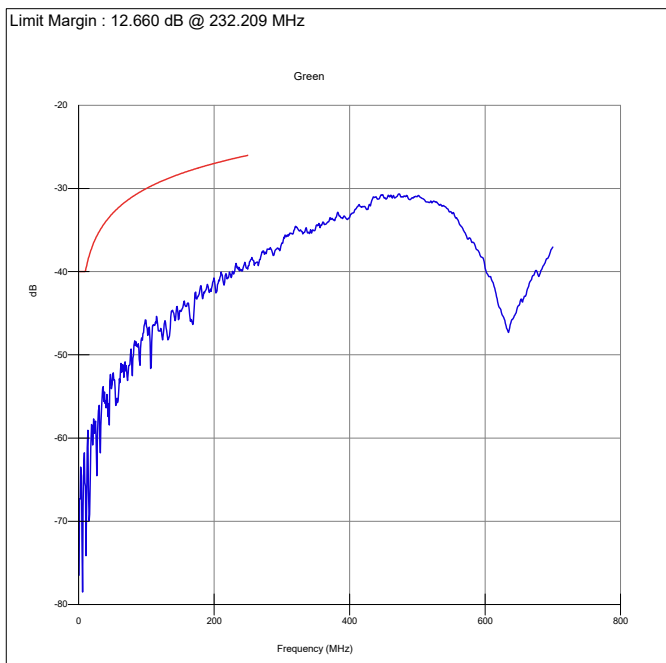
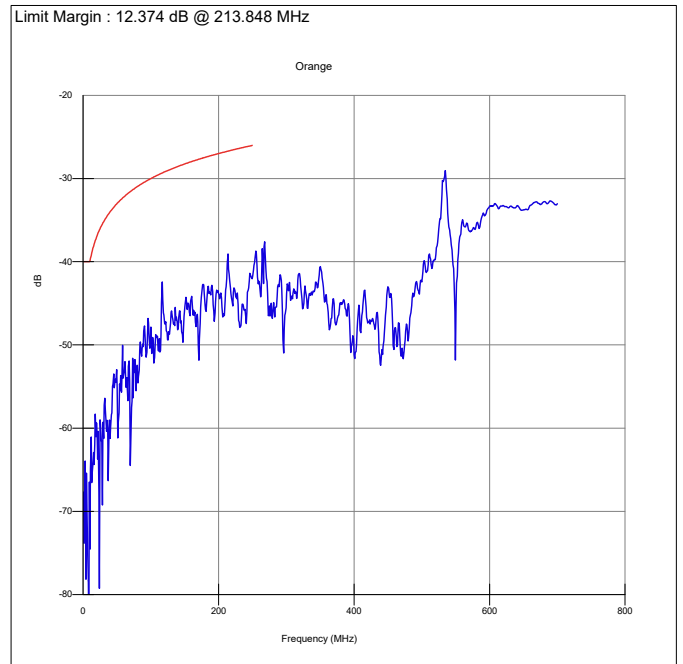
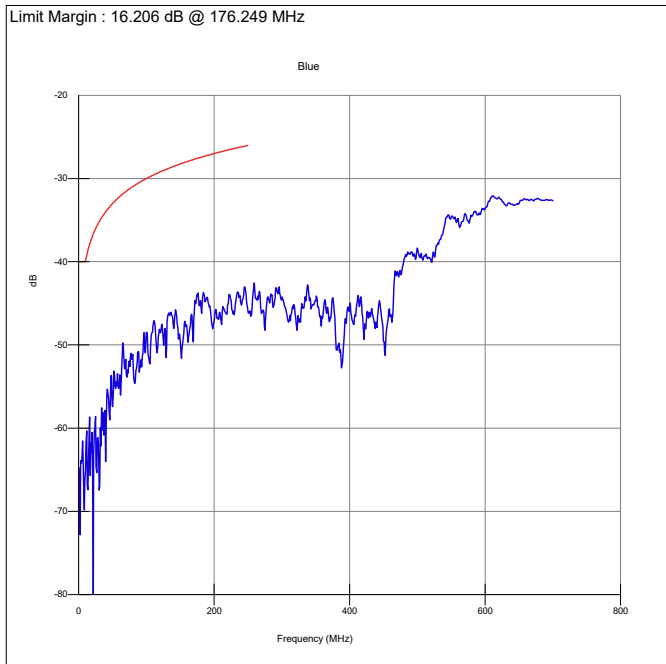
<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable		
<b>Part No</b>	CAA-00267	<b>Length (m)</b>	100.
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Temperature</b>	25 °C
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers	<b>Test Status</b>	Complies

Limit Margin : 16.480 ns @ 1.374 MHz



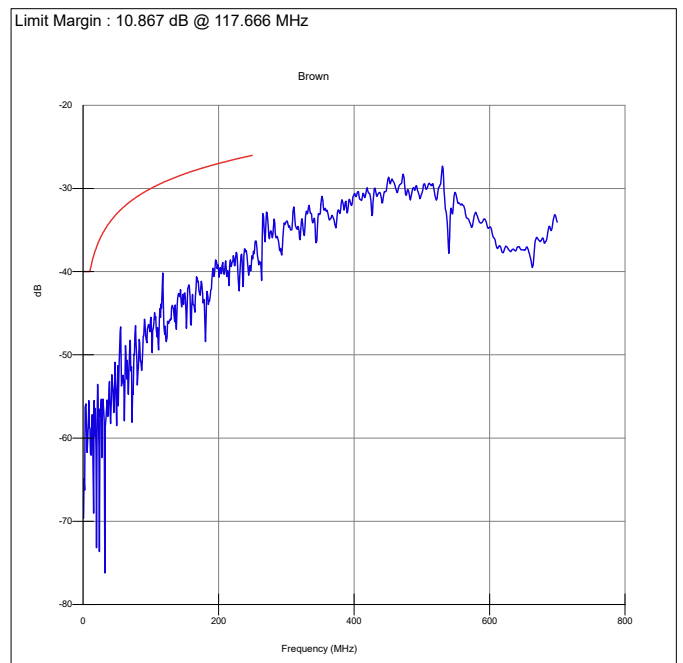
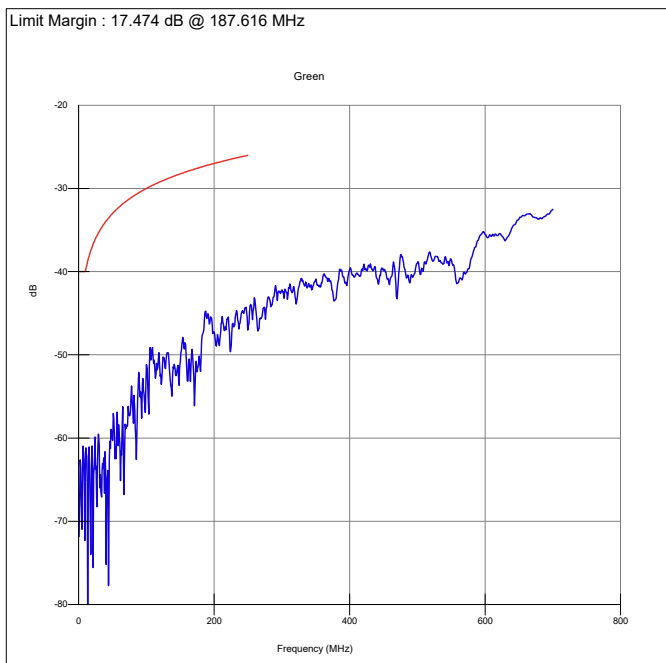
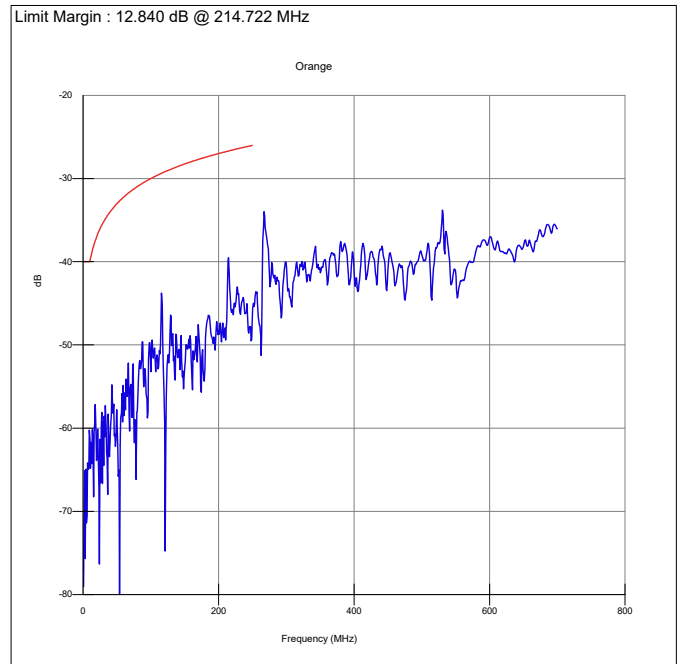
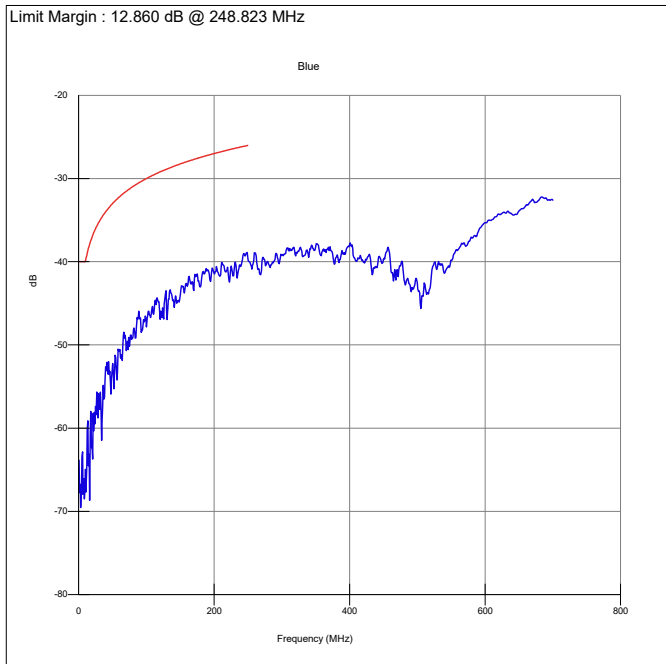
## TCL - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



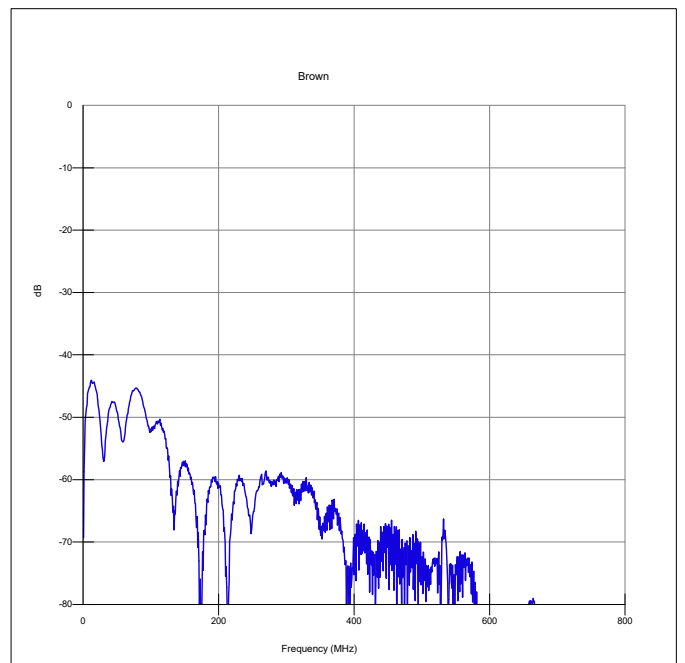
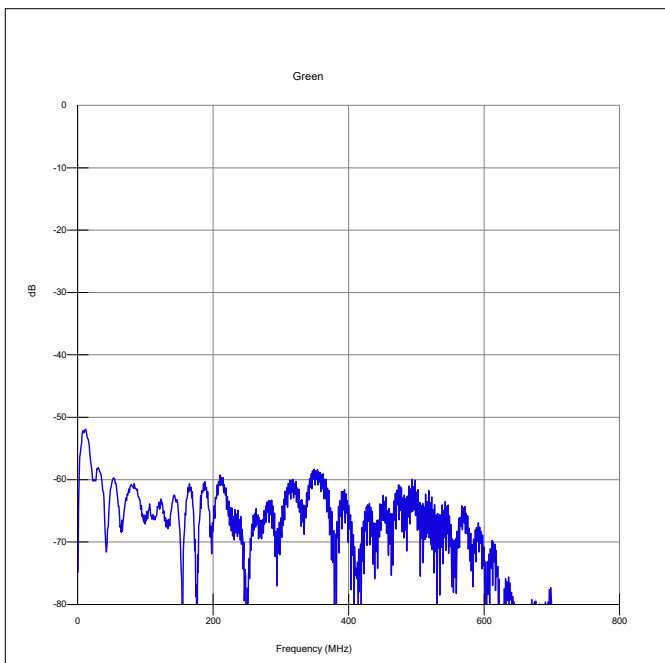
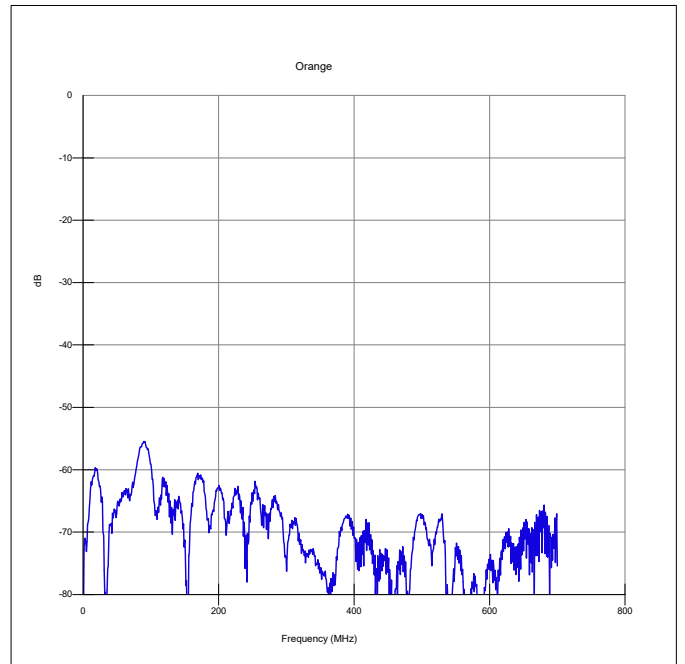
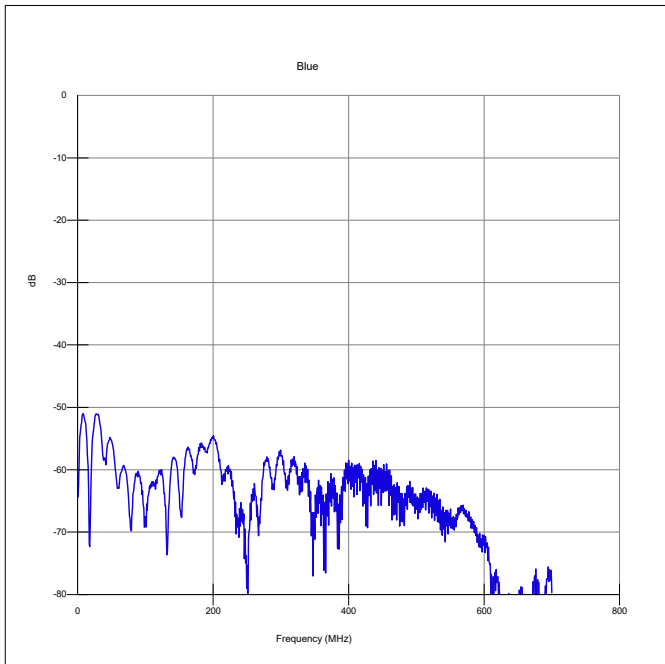
## TCL - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



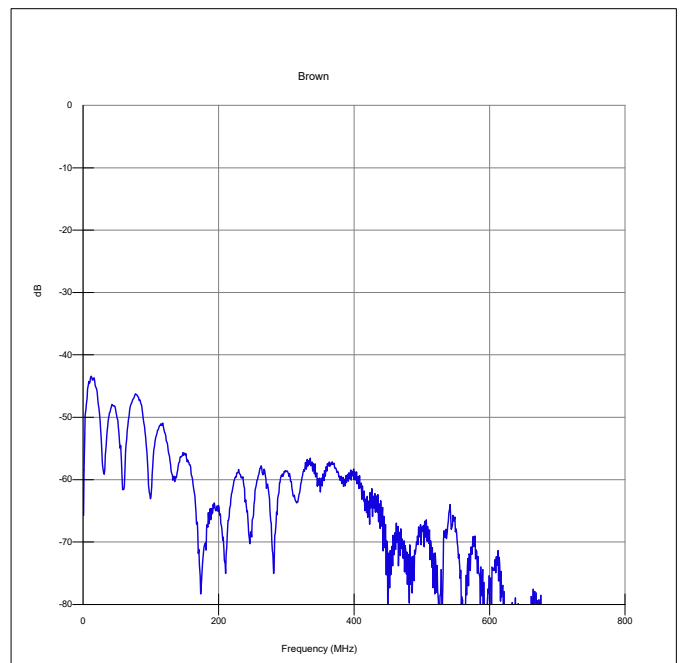
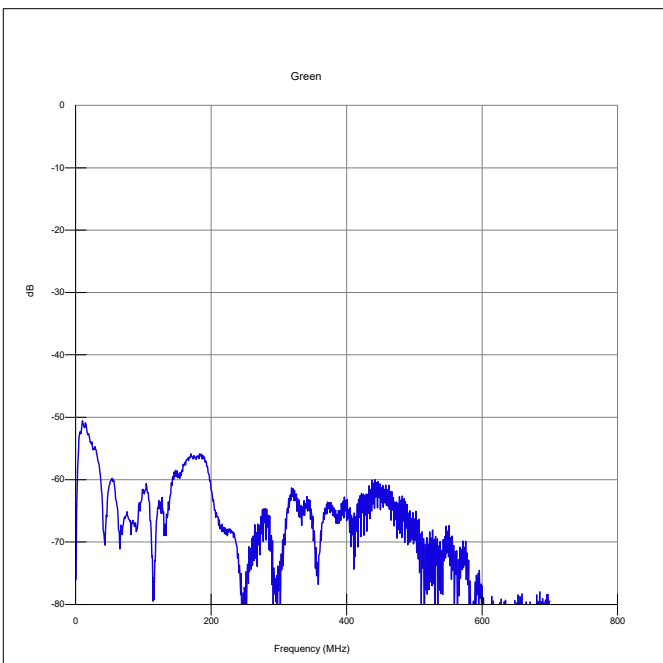
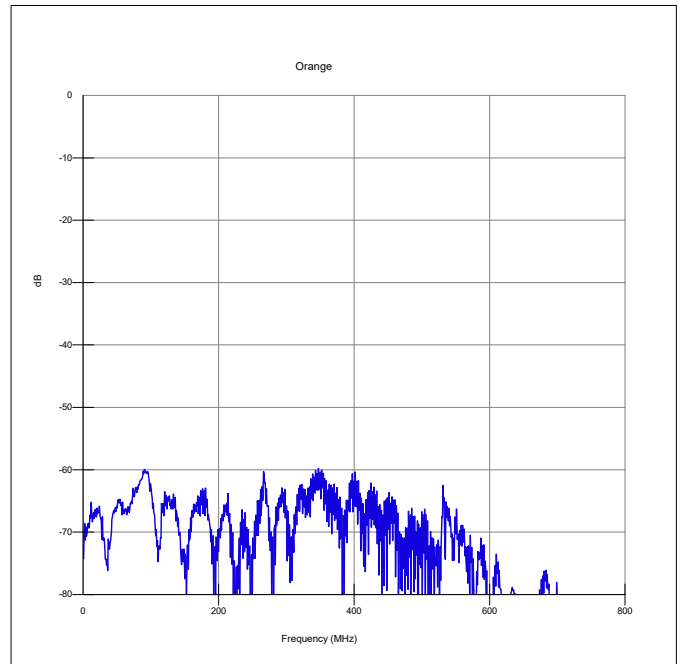
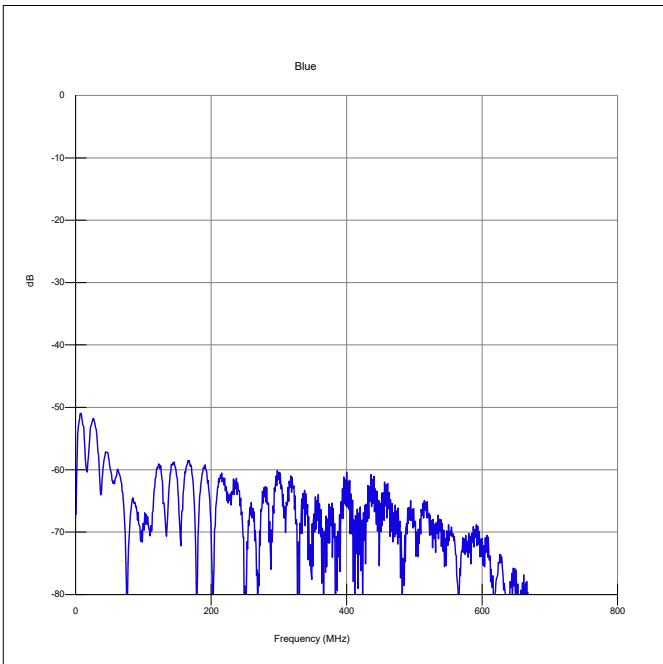
## TCTL - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



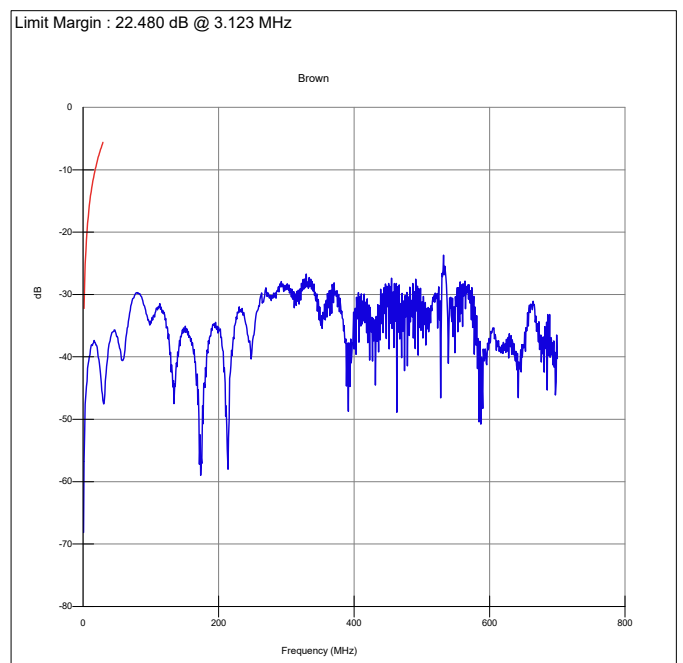
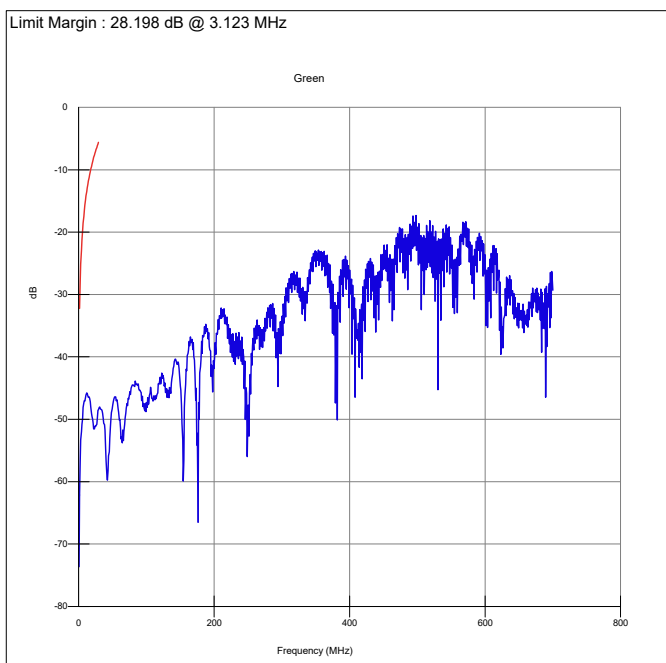
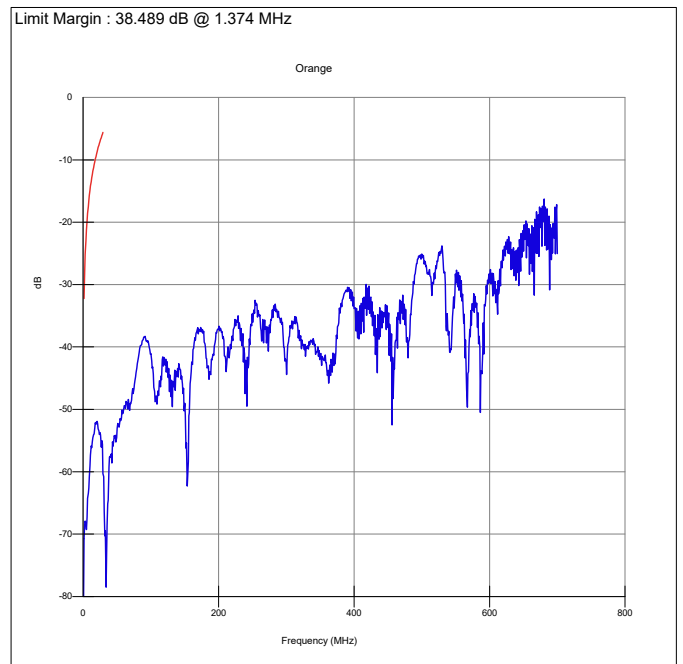
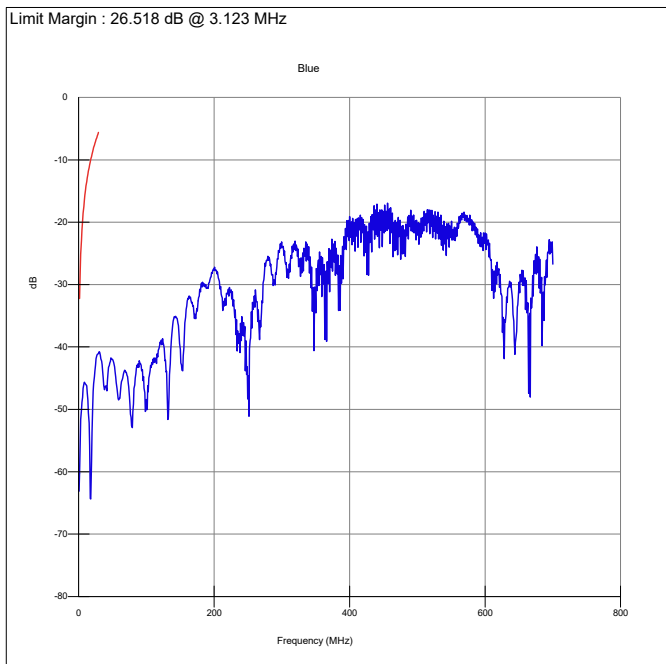
## TCTL - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



## ELTCTL - Near End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		



## ELTCTL - Far End

<b>Client</b>	Molex India	<b>Report No</b>	103574967CRT-001g
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Cable	<b>Length (m)</b>	100.
<b>Part No</b>	CAA-00267	<b>Temperature</b>	25 °C
<b>Test Started</b>	8/18/2018 1:54:53 PM	<b>Test Status</b>	Complies
<b>Description</b>	4 pair 23 AWG U/UTP LSZH Solid		
<b>Operator Name</b>	David Ayers		

