

July 1, 2015

Test report number 102185528CRT-001  
Project number 102185528-311

Schneider Electric India Pvt. Ltd.,  
L3, Verna Industrial Estate  
Verna, Goa - 403722

**TEST:**

Final qualification testing of a cabling configuration to the requirements of ANSI/TIA-568-C.2 for Category 6 channel.

**STANDARD USED:**

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

**SECTION:**

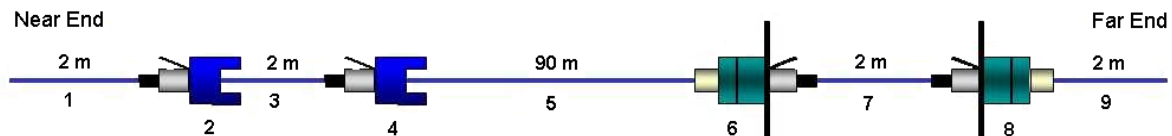
6.2: Channel transmission performance (6.2.1 to 6.2.26)

**AUTHORIZATION:**

The project was authorized by Mr. Ajit Gaonkar, representing the client, Schneider Electric India Pvt. Ltd., with Intertek India quote number CE-QUO-BAN-15-000060.

**SAMPLE DESCRIPTION:**

An Intertek representative randomly selected a 4-connector channel as illustrated below. The samples were production samples in undamaged condition and received on June 24, 2015.



<b><u>Component Id</u></b>	<b><u>Manufacturer</u></b>	<b><u>Description</u></b>	<b><u>Part number</u></b>
1, 3, 7, 9	Schneider Electric	Patch Cord, 2 m	ACTPC6UBCMXXYY_E
2, 4	Schneider Electric	Wall Outlet / Face Plate	VDIB17766UYY_E / DCBRWPN1PSWT_E
5	Schneider Electric	CM, UTP, Horizontal Cable, 90 m	ACT4P6UCM3RBBU_E
6, 8	Schneider Electric	Patch Panel	ACTPP6U24NSS_SE / ACTPPS24NSU_E





**EQUIPMENT LIST:**

The following equipment was employed in conducting the tests.

<u>Equipment used</u>	<u>Model number</u>	<u>Control number</u>	<u>Calibration date</u>	<u>Calibration due date</u>
Keysight Network Analyzer	8753E	E307	3/3/2015	3/3/2016
Keysight LCR Meter	4262B	R171	9/22/2014	9/22/2015
Temperature humidity meter	OM-EL-USB-2-LCD	H243	1/22/2015	1/22/2016

**DATE OF TEST:**

July 1, 2015

**TEST REPORT REVISION HISTORY:**

First Issue: July 1, 2015 Original Document

**RESULTS:** See appendix A for the test results.

**CONCLUSION:**

The channel cabling configuration, as previously described and randomly selected by an Intertek representative, was tested in accordance with the standard referred to on page 1, and did comply with the indicated applicable transmission requirements. The testing was performed at Intertek located in Cortland, New York.

The procedures and requirements were taken from the standard referred to on page 1.

Reviewed and Approved By:

*Antoine Pelletier*  
 Antoine Pelletier  
 Project Engineer  
 Global Cabling Products Testing

*John Cash*  
 John Cash  
 Associate Engineer  
 Global Cabling Products Testing



**Appendix A**  
Test results

This appendix contains 39 pages.



## Low Frequency Report

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

DC Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
7.5336	7.3668	7.4410	7.2940	
7.5385	7.3395	7.5125	7.3158	

Resistance Unbalanced (%)				
45	12	36	78	Limit (%)
0.03	0.19	0.48	0.15	3.00

Resistance Unbalanced Pair-Pair (%)						
45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78	Limit (%)
1.23	0.40	1.56	0.83	0.33	1.16	

DC Loop Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
15.0740	14.7060	14.9520	14.6110	25.0000



## Insertion Loss

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

Insertion Loss (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-2.19	-1.74	-1.73	-1.69	-1.70
4.	-4.02	-3.60	-3.48	-3.49	-3.44
8.	-5.66	-5.15	-4.97	-5.00	-4.90
10.	-6.34	-5.78	-5.58	-5.62	-5.50
16.	-8.05	-7.37	-7.10	-7.19	-7.02
20.	-9.03	-8.27	-7.95	-8.06	-7.87
25.	-10.14	-9.31	-8.94	-9.09	-8.86
31.25	-11.40	-10.47	-10.07	-10.23	-9.97
62.5	-16.48	-15.20	-14.51	-14.84	-14.48
100.	-21.31	-19.81	-18.66	-19.29	-18.63
155.	-27.26	-25.41	-23.77	-24.51	-23.80
200.	-31.57	-29.52	-27.26	-28.25	-27.40
250.	-35.96	-33.35	-30.78	-32.05	-30.97
300.		-36.92	-34.01	-35.48	-34.21
350.		-40.72	-37.08	-38.65	-37.29
400.		-43.80	-40.02	-41.83	-40.16
450.		-46.98	-42.72	-45.16	-43.11
500.		-49.31	-45.47	-47.83	-45.70
550.		-52.63	-47.99	-50.73	-48.34
600.		-56.07	-50.64	-54.82	-50.95
650.		-61.18	-53.39	-56.05	-53.35



**NEXT - Near End**

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

NEXT - Near End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	-65.00	-89.38	-92.38	-87.03	-85.01	-93.78	-87.13
4.	-63.07	-82.59	-82.60	-78.09	-77.07	-80.10	-81.17
8.	-58.17	-80.55	-84.33	-72.35	-76.84	-74.03	-70.68
10.	-56.58	-83.28	-76.08	-76.07	-70.77	-73.74	-73.64
16.	-53.23	-71.86	-78.47	-73.72	-79.49	-73.38	-70.73
20.	-51.63	-69.91	-76.14	-64.94	-70.54	-89.76	-69.49
25.	-50.03	-79.24	-74.20	-60.12	-66.30	-75.50	-75.93
31.25	-48.42	-84.25	-75.48	-66.89	-66.48	-70.67	-76.99
62.5	-43.38	-63.79	-62.27	-57.73	-63.92	-61.21	-63.27
100.	-39.93	-51.71	-52.22	-50.34	-50.60	-54.62	-55.70
155.	-36.68	-46.84	-43.84	-48.05	-48.18	-54.79	-59.03
200.	-34.78	-47.93	-41.16	-45.51	-43.89	-51.90	-55.83
250.	-33.12	-43.88	-38.21	-45.42	-40.25	-50.08	-59.27
300.		-45.67	-35.80	-41.60	-40.94	-49.89	-60.99
350.		-42.03	-34.14	-40.93	-39.67	-48.50	-47.07
400.		-45.12	-33.57	-42.47	-37.84	-47.55	-45.81
450.		-42.70	-33.59	-43.12	-43.69	-47.54	-45.61
500.		-45.99	-34.89	-42.89	-38.74	-48.76	-40.62
550.		-46.84	-31.03	-41.09	-35.31	-47.87	-37.21
600.		-43.54	-27.94	-39.88	-31.39	-47.96	-43.35
650.		-44.14	-30.44	-36.41	-28.69	-42.98	-53.44



**NEXT - Far End**

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

NEXT - Far End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	-65.00	-93.02	-88.83	-82.87	-87.41	-92.44	-93.35
4.	-63.07	-84.13	-85.27	-74.32	-87.04	-80.14	-89.30
8.	-58.17	-83.05	-86.01	-71.35	-76.19	-72.73	-72.36
10.	-56.58	-75.23	-75.66	-77.67	-80.34	-75.23	-72.31
16.	-53.23	-69.71	-71.25	-69.32	-76.91	-72.98	-70.46
20.	-51.63	-82.16	-69.41	-70.12	-68.30	-88.36	-67.82
25.	-50.03	-74.63	-73.41	-61.62	-67.95	-86.14	-65.81
31.25	-48.42	-69.23	-71.83	-66.29	-67.69	-70.45	-60.80
62.5	-43.38	-59.13	-61.56	-56.84	-60.48	-61.26	-57.14
100.	-39.93	-54.31	-52.53	-51.32	-57.12	-55.71	-52.99
155.	-36.68	-50.54	-45.96	-46.70	-56.99	-52.72	-51.30
200.	-34.78	-50.47	-44.53	-45.99	-57.58	-50.34	-48.04
250.	-33.12	-49.37	-39.58	-42.11	-45.44	-49.12	-57.83
300.		-44.20	-33.67	-40.11	-53.71	-49.75	-50.15
350.		-43.11	-30.38	-40.88	-48.80	-47.41	-51.59
400.		-46.15	-27.96	-42.50	-54.24	-46.63	-56.39
450.		-43.63	-26.45	-40.13	-47.45	-51.78	-43.00
500.		-44.21	-23.46	-38.14	-41.22	-45.24	-43.56
550.		-41.35	-21.76	-38.11	-40.97	-44.66	-39.98
600.		-43.32	-20.59	-38.66	-36.10	-46.48	-31.60
650.		-42.14	-18.73	-42.50	-29.02	-60.02	-36.16



**PSNEXT - Near End**

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSNEXT - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-84.08	-82.94	-82.34	-83.30
4.	-60.57	-75.59	-74.57	-74.73	-74.80
8.	-55.60	-70.71	-71.42	-69.37	-67.21
10.	-54.00	-72.65	-68.81	-68.18	-69.56
16.	-50.59	-68.84	-69.05	-69.44	-67.48
20.	-48.97	-63.48	-67.12	-66.40	-63.59
25.	-47.34	-59.87	-65.60	-65.12	-59.87
31.25	-45.71	-66.21	-64.96	-65.61	-65.04
62.5	-40.59	-55.57	-58.00	-58.31	-55.29
100.	-37.08	-46.57	-47.22	-47.55	-48.09
155.	-33.78	-41.09	-44.05	-42.38	-46.94
200.	-31.85	-39.18	-41.97	-39.20	-44.28
250.	-30.16	-36.57	-38.39	-36.08	-44.00
300.		-34.44	-39.28	-34.63	-40.96
350.		-32.76	-37.33	-32.89	-39.40
400.		-32.78	-36.72	-32.00	-39.97
450.		-32.67	-39.43	-32.94	-40.27
500.		-33.97	-37.63	-32.63	-38.20
550.		-30.52	-34.79	-28.94	-35.46
600.		-27.55	-31.04	-26.23	-37.80
650.		-29.32	-28.42	-26.46	-35.48





PSNEXT - Far End

**Client** Schneider Electric India **Report No** 102185528CRT-001  
**Specification** ANSI-TIA-568-C2 Cat 6 Channel  
**Part No** ACT4P6UCM3RBBU\_E **Length(m)** 98.  
**Test Started** 7/1/2015 8:02:32 AM **Temperature** 22 °C  
**Description** 4 Connector Channel **Appendix** A  
**Operator Name** John Cash **Test Status** Complies

PSNEXT - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-81.25	-84.80	-83.67	-81.95
4.	-60.57	-73.11	-77.93	-77.78	-72.76
8.	-55.60	-70.56	-70.82	-70.56	-67.27
10.	-54.00	-71.17	-71.36	-69.82	-69.70
16.	-50.59	-65.20	-67.48	-67.31	-65.86
20.	-48.97	-66.60	-68.02	-63.68	-65.78
25.	-47.34	-61.07	-67.04	-62.95	-60.19
31.25	-45.71	-63.61	-64.06	-59.69	-59.34
62.5	-40.59	-53.99	-55.42	-54.52	-53.23
100.	-37.08	-47.76	-50.78	-49.01	-48.21
155.	-33.78	-42.55	-47.89	-44.58	-44.66
200.	-31.85	-41.59	-46.99	-42.78	-43.00
250.	-30.16	-37.37	-42.81	-38.52	-41.22
300.		-32.48	-42.76	-33.53	-39.29
350.		-29.80	-40.95	-30.28	-39.71
400.		-27.75	-43.02	-27.95	-40.95
450.		-26.19	-41.66	-26.32	-38.13
500.		-23.28	-38.43	-23.35	-36.43
550.		-21.62	-37.26	-21.64	-35.39
600.		-20.50	-35.02	-20.15	-30.70
650.		-18.69	-28.81	-18.27	-35.24



**ACR - Near End**

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

		ACR - Near End (dB)					
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	62.81	87.65	90.69	85.32	83.33	92.08	85.43
4.	59.05	79.10	79.11	74.65	73.58	76.66	77.73
8.	52.50	75.58	79.33	67.46	71.84	69.14	65.79
10.	50.25	77.70	70.46	70.57	65.15	68.24	68.14
16.	45.18	64.76	71.28	66.70	72.30	66.37	63.71
20.	42.60	61.96	68.08	57.06	62.48	81.89	61.61
25.	39.89	70.30	65.12	51.25	57.22	66.63	67.06
31.25	37.02	74.18	65.26	56.92	56.26	60.70	67.01
62.5	26.90	49.28	47.42	43.25	49.07	46.73	48.79
100.	18.61	33.05	32.93	31.71	31.31	35.99	37.07
155.	9.42	23.06	19.33	24.25	23.67	30.99	35.23
200.	3.22	20.67	12.91	18.11	15.64	24.50	28.42
250.	-2.84	13.10	6.16	14.45	8.20	19.11	28.30
300.		11.66	0.32	7.39	5.46	15.67	26.78
350.		4.95	-4.52	3.64	1.02	11.21	9.77
400.		5.10	-8.26	2.31	-3.99	7.39	5.65
450.		-0.02	-11.57	0.01	-1.48	4.43	2.50
500.		0.52	-12.94	-2.81	-9.09	3.06	-5.08
550.		-1.15	-19.70	-7.25	-15.42	-0.47	-11.13
600.		-7.10	-26.88	-11.07	-23.42	-2.99	-7.61
650.		-9.24	-25.61	-16.94	-27.36	-10.37	0.09



**ACR - Far End**

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

ACR - Far End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	62.81	91.27	87.13	81.16	85.71	90.73	91.64
4.	59.05	80.65	81.77	70.88	83.53	76.71	85.87
8.	52.50	78.08	81.00	66.45	71.18	67.83	67.46
10.	50.25	69.64	70.02	72.17	74.70	69.73	66.81
16.	45.18	62.61	64.05	62.30	69.71	65.97	63.45
20.	42.60	74.21	61.32	62.24	60.21	80.48	59.94
25.	39.89	65.69	64.30	52.76	58.84	77.28	56.95
31.25	37.02	59.16	61.59	56.30	57.45	60.47	50.82
62.5	26.90	44.60	46.72	42.38	45.64	46.80	42.68
100.	18.61	35.63	33.22	32.65	37.81	37.04	34.32
155.	9.42	26.78	21.55	22.92	32.59	28.94	27.52
200.	3.22	22.98	16.40	18.53	29.45	22.87	20.58
250.	-2.84	18.51	7.57	11.14	13.44	18.15	26.87
300.		10.16	-1.77	5.88	18.27	15.52	15.92
350.		6.05	-8.25	3.63	10.17	10.16	14.35
400.		6.08	-13.79	2.37	12.49	6.50	16.27
450.		0.86	-18.58	-2.82	2.42	8.83	0.04
500.		-1.42	-24.36	-7.46	-6.60	-0.35	-2.03
550.		-6.60	-29.11	-10.22	-9.91	-3.67	-8.35
600.		-7.18	-34.30	-12.22	-18.79	-4.40	-19.28
650.		-11.08	-37.60	-10.74	-27.31	6.78	-17.08



**PSACR - Near End**

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSACR - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.81	82.34	81.21	80.65	81.60
4.	56.55	71.99	71.08	71.24	71.36
8.	49.94	65.56	66.45	64.37	62.31
10.	47.66	66.87	63.23	62.56	64.06
16.	42.54	61.47	61.95	62.25	60.46
20.	39.94	55.21	59.17	58.34	55.72
25.	37.20	50.56	56.66	56.03	51.01
31.25	34.31	55.74	54.89	55.38	55.06
62.5	24.10	40.36	43.49	43.46	40.81
100.	15.77	26.77	28.56	28.26	29.46
155.	6.52	15.69	20.28	17.87	23.14
200.	0.29	9.66	14.71	10.95	16.87
250.	-5.80	3.21	7.60	4.03	13.03
300.		-2.47	5.27	-0.85	6.74
350.		-7.96	0.25	-5.76	2.11
400.		-11.01	-3.31	-9.83	-0.19
450.		-14.30	-3.29	-12.22	-2.84
500.		-15.35	-7.84	-15.20	-7.50
550.		-22.11	-13.20	-21.79	-12.88
600.		-28.52	-19.60	-28.59	-13.15
650.		-31.86	-24.97	-29.59	-17.88



PSACR - Far End

**Client** Schneider Electric India      **Report No** 102185528CRT-001  
**Specification** ANSI-TIA-568-C2 Cat 6 Channel  
**Part No** ACT4P6UCM3RBBU\_E      **Length(m)** 98.  
**Test Started** 7/1/2015 8:02:32 AM      **Temperature** 22 °C  
**Description** 4 Connector Channel      **Appendix** A  
**Operator Name** John Cash      **Test Status** **Complies**

PSACR - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.81	79.04	83.05	81.97	80.24
4.	56.55	69.32	74.44	74.28	69.32
8.	49.94	65.29	65.85	65.55	62.37
10.	47.66	65.29	65.78	64.18	64.20
16.	42.54	57.74	60.38	60.11	58.85
20.	39.94	58.22	60.07	55.59	57.90
25.	37.20	51.69	58.10	53.84	51.33
31.25	34.31	53.10	53.98	49.44	49.36
62.5	24.10	39.00	40.90	39.67	38.77
100.	15.77	27.98	32.09	29.70	29.54
155.	6.52	17.19	24.13	20.18	20.88
200.	0.29	12.58	19.50	14.65	15.53
250.	-5.80	4.83	11.95	6.52	10.25
300.		-3.60	8.72	-1.91	5.06
350.		-10.71	3.89	-8.35	2.46
400.		-17.01	2.95	-13.81	0.82
450.		-22.25	-1.11	-18.71	-4.82
500.		-27.26	-7.21	-24.47	-9.17
550.		-31.10	-10.68	-29.23	-12.95
600.		-35.11	-15.48	-34.74	-20.18
650.		-41.53	-24.41	-38.06	-18.00



**FEXT - Near End**

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<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.	-78.55	-79.33	-75.97	-76.63	-82.42	-96.37	-78.63	-82.66	-87.47	-76.82	-93.07	-91.76
4.	-67.34	-68.74	-65.52	-67.13	-72.20	-87.70	-68.51	-71.96	-76.24	-65.75	-86.74	-78.50
8.	-63.57	-64.50	-61.78	-63.42	-67.85	-82.87	-64.35	-67.49	-70.28	-61.82	-82.51	-72.56
10.	-63.00	-63.16	-61.12	-62.53	-66.68	-81.03	-63.32	-66.62	-68.25	-61.09	-80.35	-69.49
16.	-63.55	-61.08	-61.75	-63.30	-64.35	-79.56	-61.37	-65.08	-64.81	-62.05	-77.89	-65.11
20.	-65.39	-59.97	-64.70	-65.12	-63.42	-80.20	-60.14	-64.05	-62.78	-65.76	-78.31	-63.11
25.	-71.19	-59.17	-68.88	-69.57	-61.99	-77.43	-59.17	-63.28	-61.00	-70.02	-78.41	-61.51
31.25	-70.58	-58.42	-62.55	-69.29	-63.61	-71.76	-58.36	-62.60	-59.70	-63.08	-76.60	-60.15
62.5	-53.76	-59.10	-59.95	-53.51	-58.93	-68.02	-60.53	-58.86	-59.84	-60.19	-70.42	-60.77
100.	-61.92	-60.60	-53.56	-61.37	-54.48	-64.56	-60.47	-55.65	-57.55	-54.03	-67.07	-58.01
155.	-68.64	-57.24	-57.97	-72.19	-64.39	-70.62	-57.77	-65.69	-59.34	-58.41	-67.06	-64.97
200.	-60.64	-56.61	-57.54	-60.68	-64.67	-72.33	-57.55	-65.98	-63.27	-57.68	-70.08	-63.54
250.	-60.12	-55.90	-59.28	-61.14	-71.79	-78.04	-56.81	-71.51	-70.23	-59.02	-75.03	-67.39
300.	-61.33	-59.93	-64.98	-61.13	-71.07	-74.06	-59.40	-78.59	-72.20	-65.19	-79.59	-74.67
350.	-68.31	-65.61	-67.07	-70.82	-61.94	-75.89	-67.33	-66.26	-67.66	-65.81	-78.54	-70.71
400.	-87.16	-62.07	-67.80	-75.57	-74.69	-79.96	-74.10	-87.27	-73.20	-67.90	-79.20	-79.02
450.	-69.64	-62.16	-80.53	-71.89	-68.29	-85.07	-71.52	-72.88	-69.69	-84.54	-87.09	-71.65
500.	-68.02	-66.70	-76.16	-69.75	-72.92	-79.65	-72.80	-72.89	-73.49	-93.68	-84.58	-75.66
550.	-72.15	-69.82	-89.39	-71.95	-72.85	-80.51	-70.22	-73.73	-77.65	-81.45	-82.35	-82.42
600.	-72.65	-65.59	-93.12	-77.76	-74.29	-78.29	-65.00	-79.35	-90.62	-82.91	-78.24	-90.27
650.	-76.11	-63.82	-103.46	-92.45	-71.72	-76.11	-66.27	-76.73	-76.90	-85.99	-78.60	-82.47



## ACRF (ELFEXT) - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<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.	-62.51	-76.82	-77.64	-74.27	-74.89	-80.73	-94.66	-76.89	-80.93	-85.76	-75.08	-91.34	-90.07
4.	-51.25	-63.86	-65.25	-62.08	-63.53	-68.71	-84.26	-64.91	-68.48	-72.80	-62.15	-83.26	-75.01
8.	-45.20	-58.60	-59.50	-56.89	-58.27	-62.85	-77.98	-59.20	-62.53	-65.38	-56.67	-77.54	-67.56
10.	-43.26	-57.42	-57.54	-55.61	-56.75	-61.06	-75.52	-57.54	-61.05	-62.75	-55.31	-74.77	-63.87
16.	-39.18	-56.45	-53.90	-54.73	-55.93	-57.16	-72.55	-54.00	-57.98	-57.79	-54.68	-70.79	-57.92
20.	-37.24	-57.44	-51.91	-56.83	-56.85	-55.36	-72.33	-51.87	-56.10	-54.91	-57.49	-70.36	-55.05
25.	-35.30	-62.25	-50.08	-60.01	-60.26	-52.90	-68.56	-49.86	-54.34	-52.13	-60.71	-69.47	-52.42
31.25	-33.36	-60.51	-48.19	-52.57	-58.82	-53.38	-61.79	-47.89	-52.54	-49.73	-52.61	-66.53	-49.93
62.5	-27.34	-39.25	-44.26	-45.47	-38.31	-44.09	-53.54	-45.33	-44.35	-45.36	-44.99	-55.92	-45.92
100.	-23.26	-43.26	-41.31	-34.93	-41.56	-35.19	-45.93	-40.66	-36.99	-38.92	-34.22	-48.41	-38.72
155.	-19.45	-44.87	-32.73	-34.17	-46.79	-39.88	-46.82	-32.36	-41.92	-35.54	-33.00	-43.29	-40.46
200.	-17.24	-33.38	-28.36	-30.13	-31.16	-36.42	-44.92	-28.03	-38.72	-35.87	-28.16	-42.82	-35.29
250.	-15.31	-29.34	-23.85	-28.31	-27.78	-39.74	-47.07	-23.45	-40.72	-39.26	-25.66	-44.24	-35.34
300.		-27.32	-24.45	-30.77	-24.21	-35.59	-39.85	-22.48	-44.58	-37.98	-28.27	-45.58	-39.19
350.		-31.23	-26.96	-29.78	-30.10	-23.29	-38.59	-26.61	-29.17	-30.37	-25.09	-41.46	-32.06
400.		-47.13	-20.24	-27.64	-31.78	-32.86	-39.80	-30.31	-47.24	-33.03	-24.11	-39.18	-37.19
450.		-26.92	-17.00	-37.42	-24.91	-23.12	-41.96	-24.55	-30.16	-26.58	-37.56	-44.37	-26.48
500.		-22.55	-18.87	-30.46	-20.43	-25.09	-33.95	-23.49	-27.42	-27.79	-44.37	-39.11	-27.83
550.		-24.16	-19.09	-41.05	-19.32	-22.11	-32.17	-17.59	-25.74	-29.32	-28.82	-34.36	-31.69
600.		-22.00	-10.78	-42.17	-21.69	-19.48	-27.34	-8.93	-28.70	-39.66	-26.84	-27.59	-35.46
650.		-22.73	-7.77	-50.11	-31.27	-15.67	-22.76	-5.09	-23.35	-23.55	-24.81	-25.21	-26.41



**PSFEXT - Near End**

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSFEXT - Near End (dB)				
Freq (MHz)	45	12	36	78
1.	-72.91	-75.54	-76.78	-76.55
4.	-62.23	-65.93	-66.41	-65.49
8.	-58.36	-62.05	-61.94	-61.43
10.	-57.55	-61.07	-60.79	-60.46
16.	-57.24	-60.72	-58.63	-60.23
20.	-57.87	-61.12	-57.24	-61.14
25.	-58.48	-61.18	-56.06	-60.86
31.25	-56.81	-62.07	-55.12	-58.30
62.5	-51.90	-52.30	-54.92	-57.24
100.	-52.28	-53.33	-52.69	-52.42
155.	-54.41	-62.91	-55.07	-57.08
200.	-53.18	-59.02	-56.05	-56.48
250.	-53.26	-60.70	-56.47	-58.33
300.	-56.84	-60.51	-59.13	-64.58
350.	-62.08	-61.26	-62.26	-64.42
400.	-61.03	-71.44	-70.52	-67.29
450.	-61.39	-66.65	-66.38	-71.19
500.	-64.01	-67.73	-68.25	-75.05
550.	-67.79	-69.03	-68.10	-77.26
600.	-64.79	-71.60	-64.83	-76.52
650.	-63.57	-70.35	-65.56	-76.58





**PSACRF (PSELFEXT) - Near End**

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

PSACRF (PSELFEXT) - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-59.51	-71.17	-73.81	-75.09	-74.85
4.	-48.25	-58.63	-62.44	-62.92	-62.05
8.	-42.20	-53.21	-57.08	-56.95	-56.53
10.	-40.26	-51.77	-55.49	-55.17	-54.96
16.	-36.18	-49.87	-53.62	-51.44	-53.21
20.	-34.24	-49.60	-53.17	-49.17	-53.27
25.	-32.30	-49.17	-52.24	-46.97	-51.99
31.25	-30.36	-46.34	-52.01	-44.89	-48.32
62.5	-24.34	-36.70	-37.79	-40.07	-42.76
100.	-20.26	-32.47	-34.67	-33.41	-33.79
155.	-16.45	-29.00	-39.13	-30.56	-33.28
200.	-14.24	-23.66	-31.76	-27.80	-29.08
250.	-12.31	-19.90	-29.91	-24.42	-27.36
300.		-19.92	-26.50	-23.65	-30.37
350.		-21.36	-24.18	-23.61	-27.13
400.		-17.24	-31.41	-28.69	-27.13
450.		-14.41	-23.93	-21.22	-28.08
500.		-14.70	-22.26	-20.42	-29.35
550.		-15.16	-21.04	-17.37	-28.92
600.		-8.72	-20.95	-10.01	-25.56
650.		-2.39	-16.96	-9.51	-23.23



## Return Loss - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

Return Loss - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-26.21	-23.39	-23.20	-22.18
4.	-19.00	-48.52	-38.53	-31.86	-30.33
8.	-19.00	-33.48	-29.33	-46.79	-38.01
10.	-18.96	-38.52	-28.40	-57.06	-53.88
16.	-17.98	-35.69	-31.06	-57.00	-64.82
20.	-17.49	-51.32	-38.53	-40.98	-34.75
25.	-17.01	-37.97	-40.14	-34.36	-49.32
31.25	-16.53	-35.55	-31.87	-39.20	-41.53
62.5	-14.04	-19.83	-28.92	-28.96	-36.52
100.	-12.00	-22.56	-32.79	-46.38	-43.76
155.	-10.10	-27.55	-36.84	-24.28	-42.61
200.	-8.99	-20.72	-35.60	-40.52	-22.15
250.	-8.03	-20.01	-32.34	-20.82	-24.54
300.		-19.96	-34.36	-17.59	-25.18
350.		-29.33	-28.69	-19.86	-24.94
400.		-20.35	-31.38	-26.17	-26.49
450.		-23.94	-26.06	-39.06	-22.85
500.		-23.69	-21.78	-24.42	-24.11
550.		-27.23	-25.53	-40.25	-32.77
600.		-22.41	-18.16	-20.80	-31.60
650.		-12.01	-15.90	-17.61	-34.81



## Return Loss - Far End

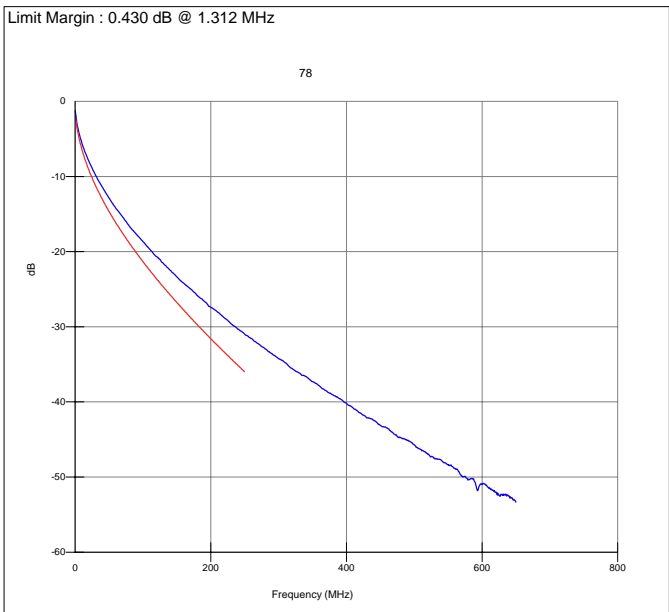
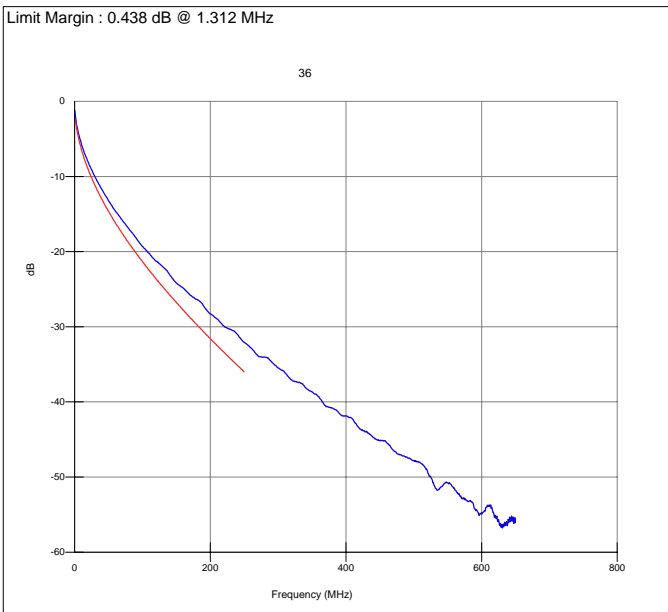
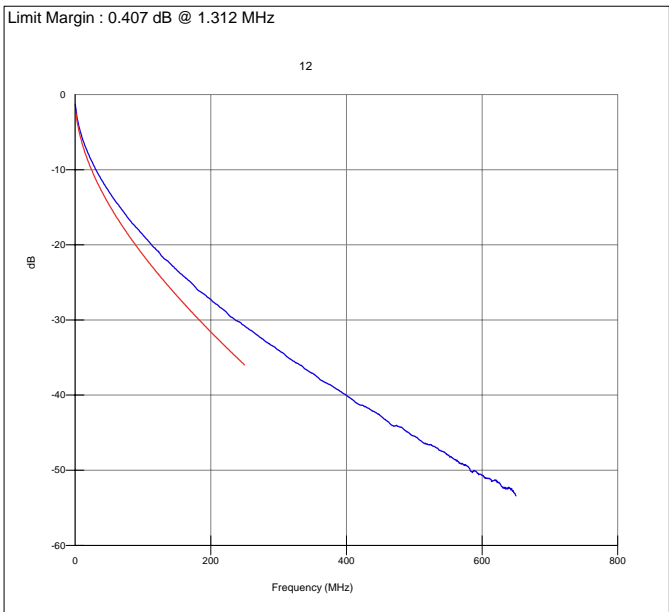
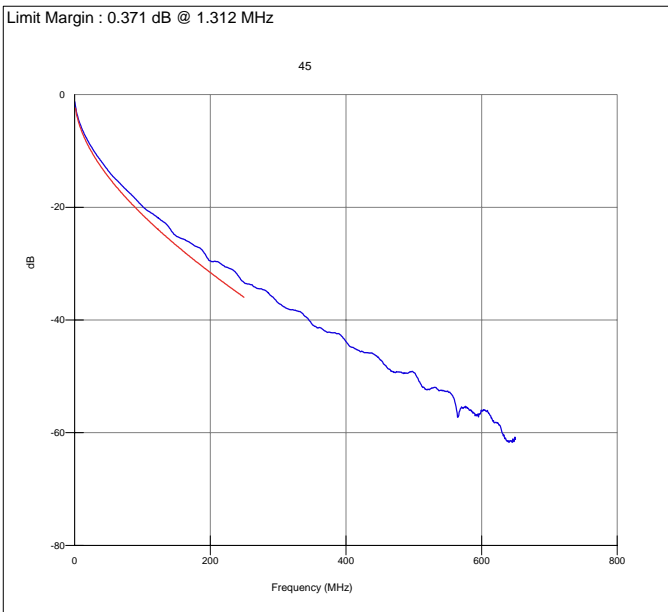
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies

Return Loss - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-23.27	-23.70	-23.98	-23.15
4.	-19.00	-36.02	-36.92	-32.07	-29.19
8.	-19.00	-40.02	-31.06	-52.88	-42.72
10.	-18.96	-41.09	-30.30	-53.04	-56.35
16.	-17.98	-39.64	-34.18	-52.78	-53.80
20.	-17.49	-34.96	-54.30	-47.22	-35.54
25.	-17.01	-40.04	-33.94	-46.16	-37.08
31.25	-16.53	-43.16	-41.24	-41.12	-57.53
62.5	-14.04	-23.11	-27.33	-36.31	-37.72
100.	-12.00	-18.30	-26.92	-44.73	-31.51
155.	-10.10	-14.75	-49.68	-27.39	-29.65
200.	-8.99	-19.09	-40.99	-32.73	-27.41
250.	-8.03	-10.08	-35.15	-24.70	-42.98
300.		-13.70	-21.46	-22.24	-38.96
350.		-21.06	-26.20	-27.25	-31.50
400.		-8.15	-29.79	-24.44	-27.61
450.		-6.65	-38.26	-14.93	-27.90
500.		-16.13	-33.75	-14.18	-35.77
550.		-14.04	-31.77	-19.71	-28.51
600.		-5.82	-20.34	-24.57	-64.82
650.		-10.80	-17.16	-16.60	-22.28



## Insertion Loss

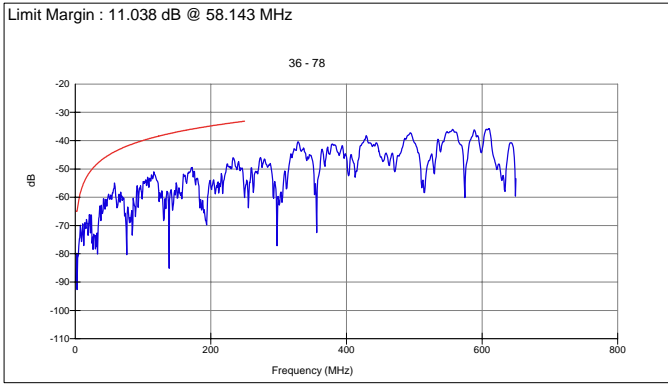
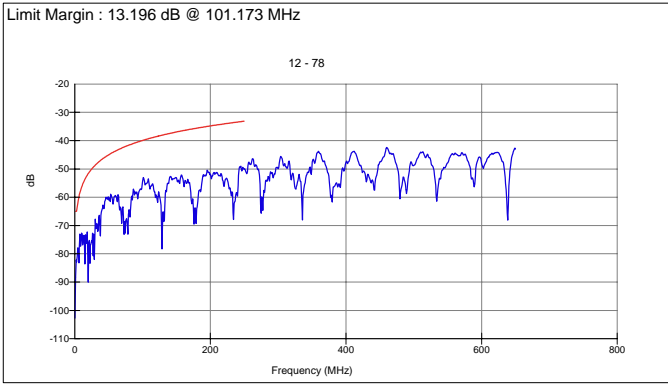
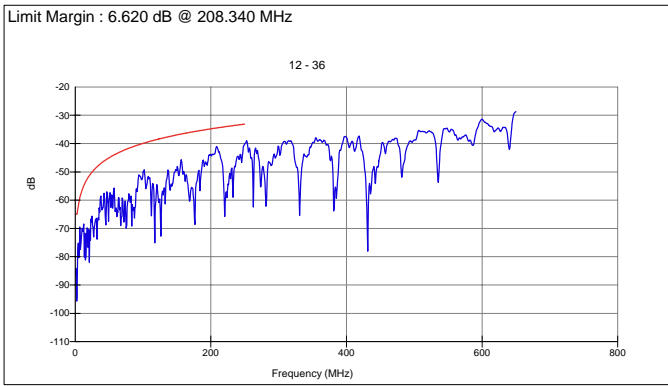
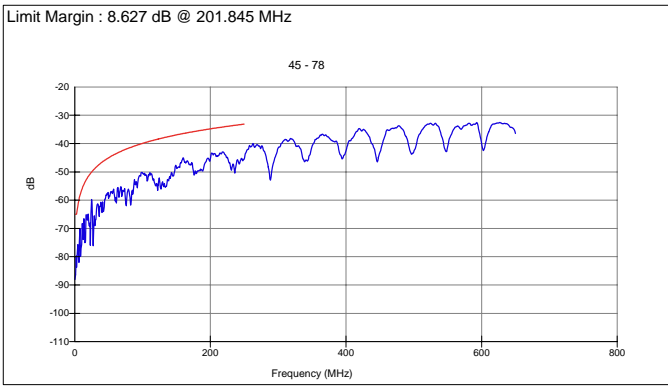
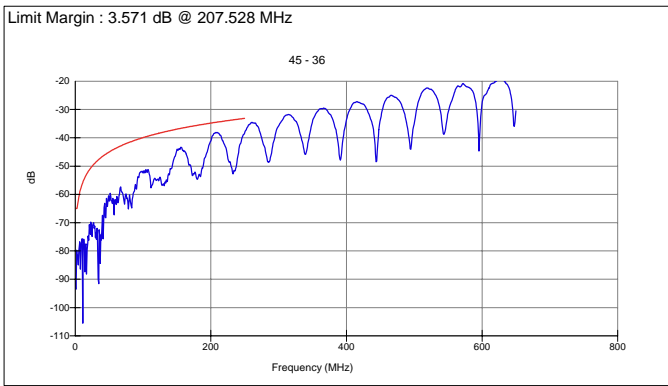
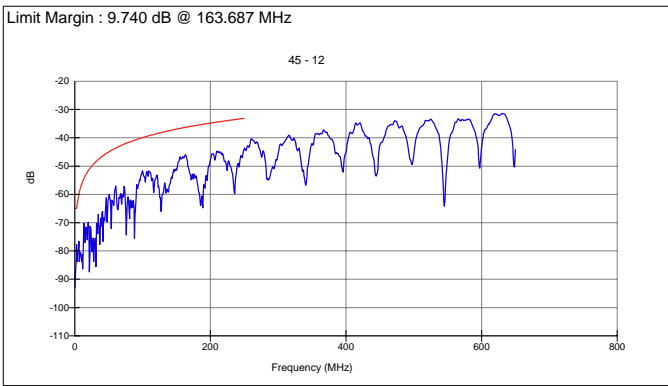
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





**NEXT - Near End**

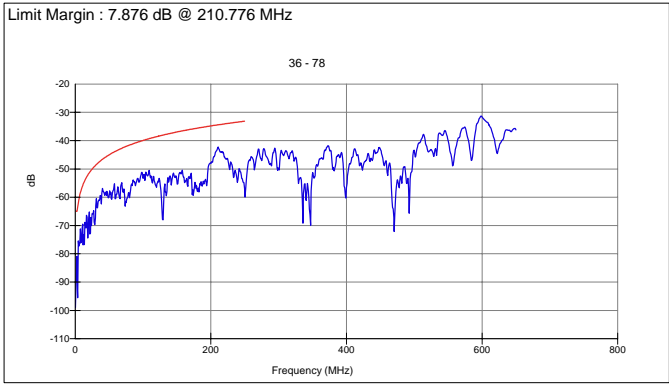
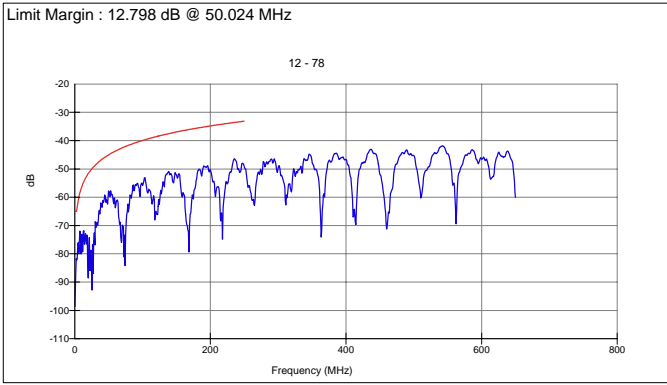
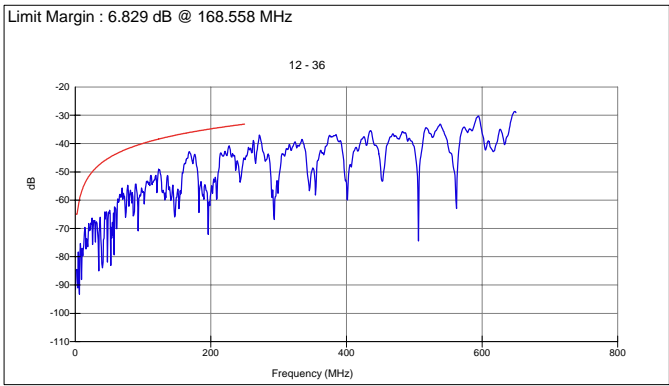
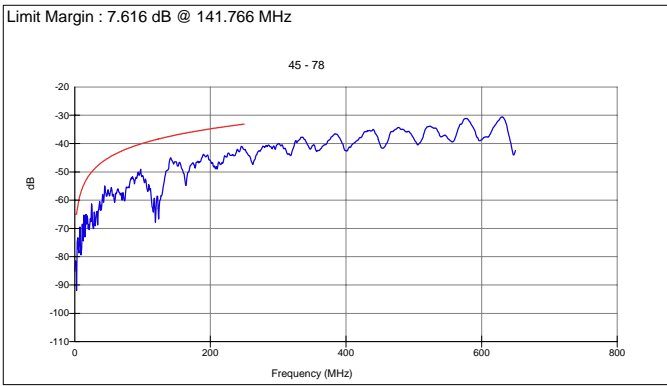
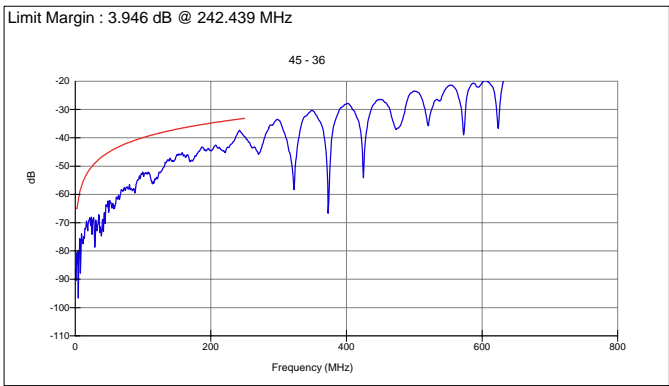
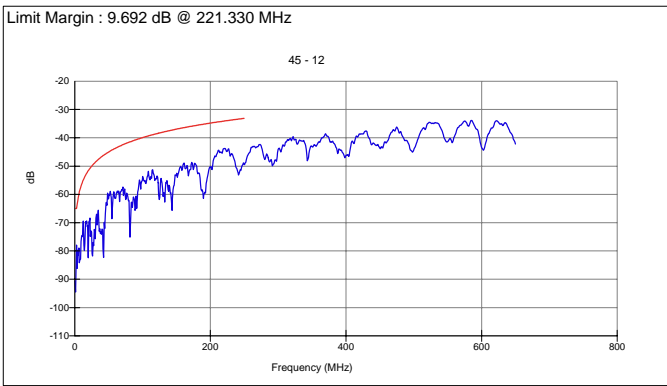
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





**NEXT - Far End**

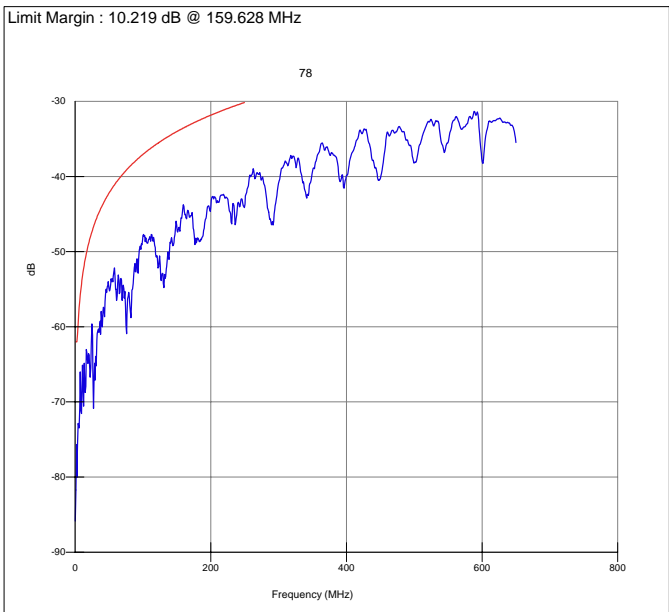
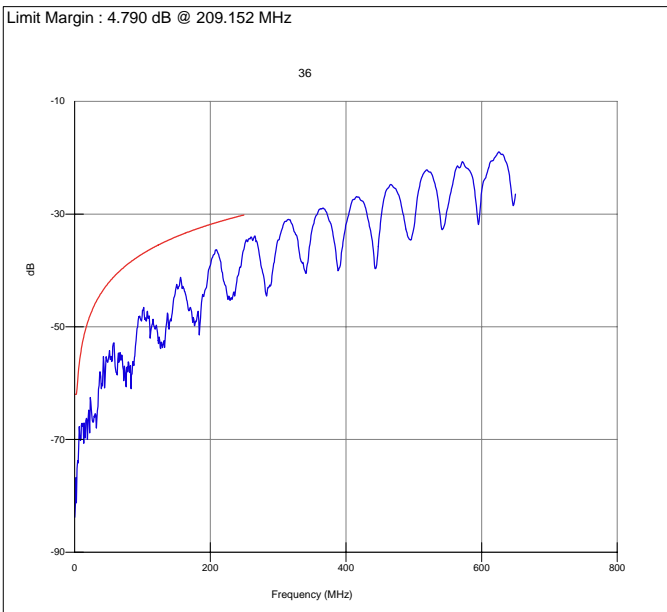
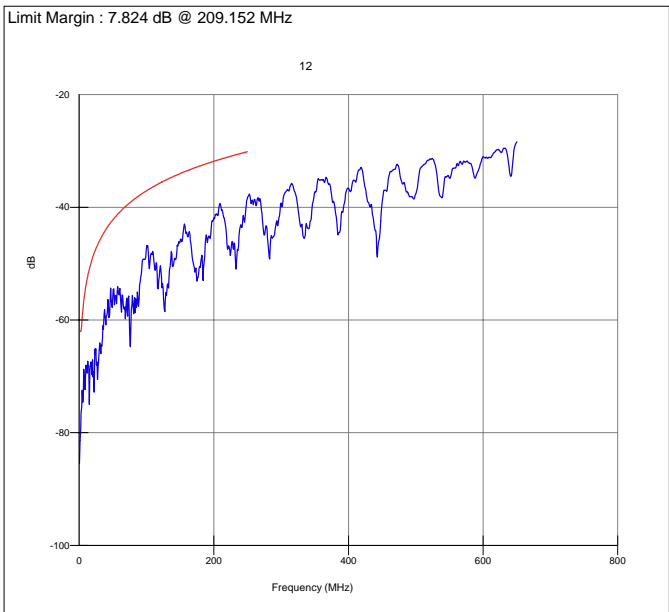
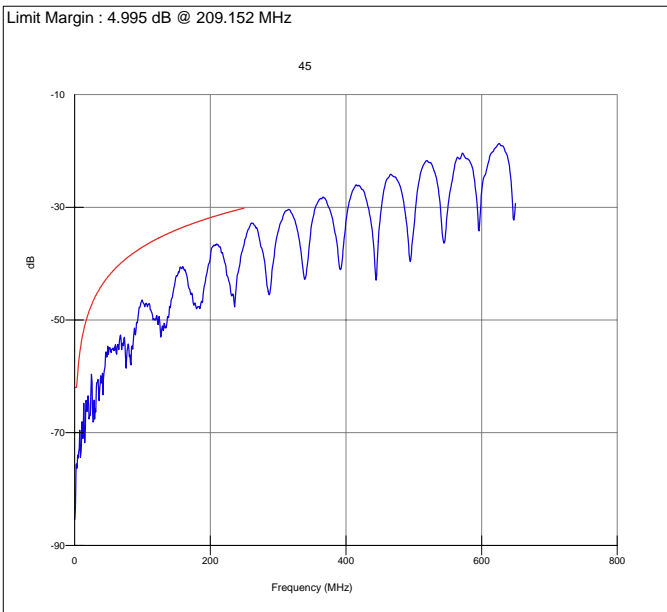
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<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





PSNEXT - Near End

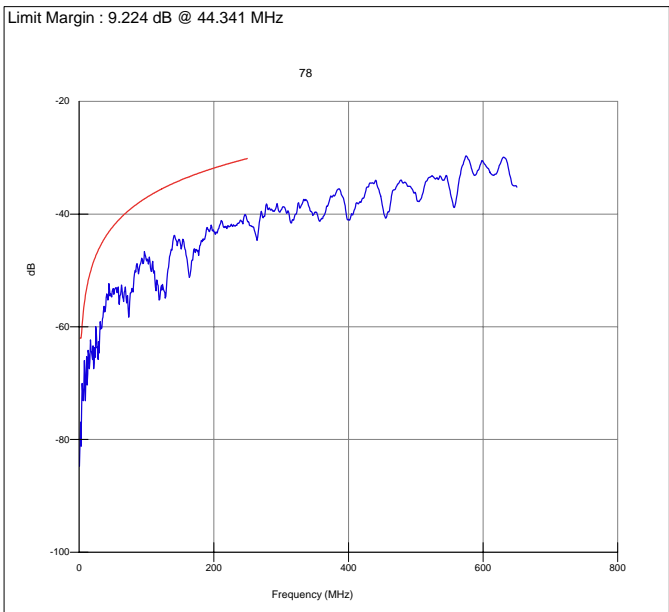
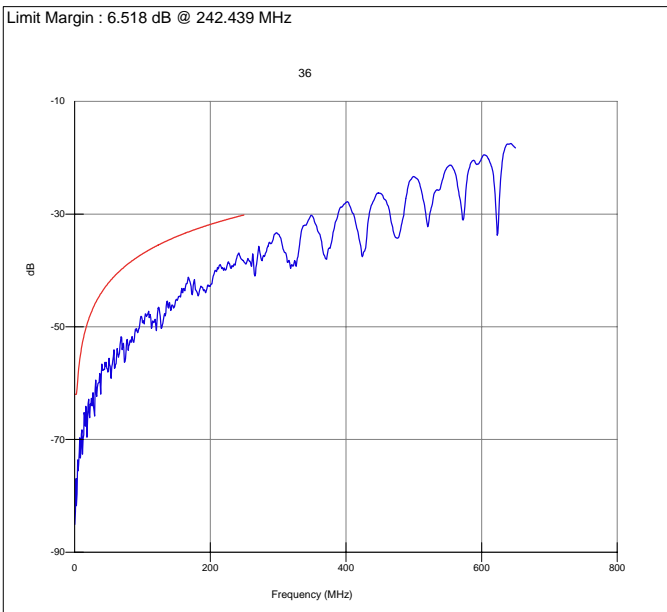
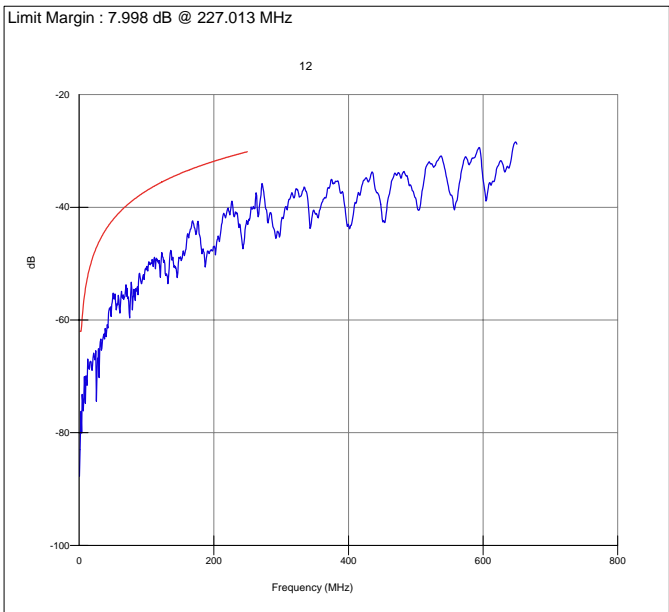
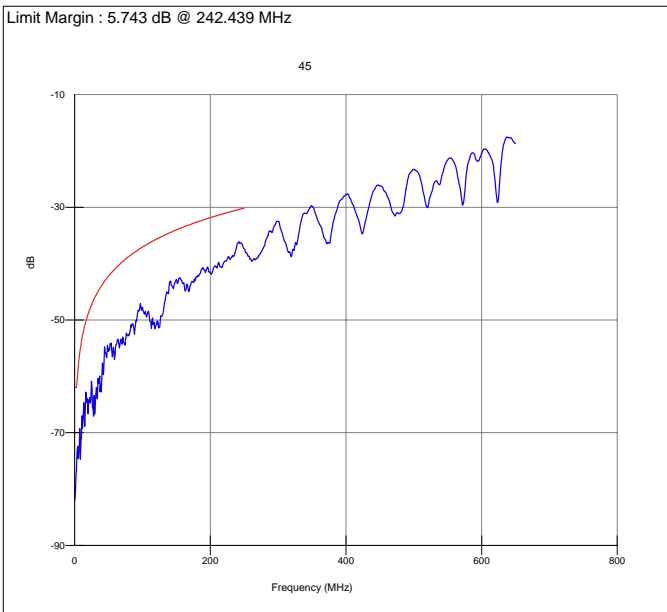
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<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## PSNEXT - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		

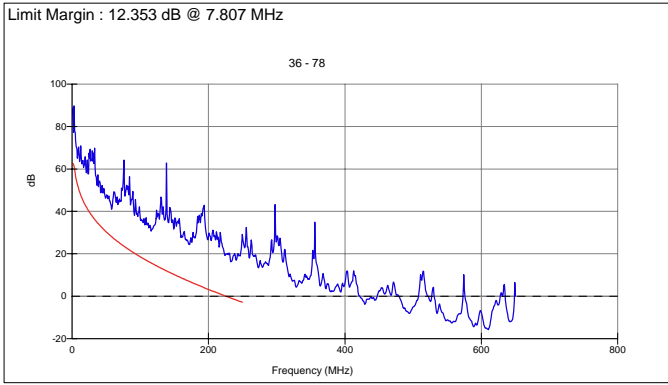
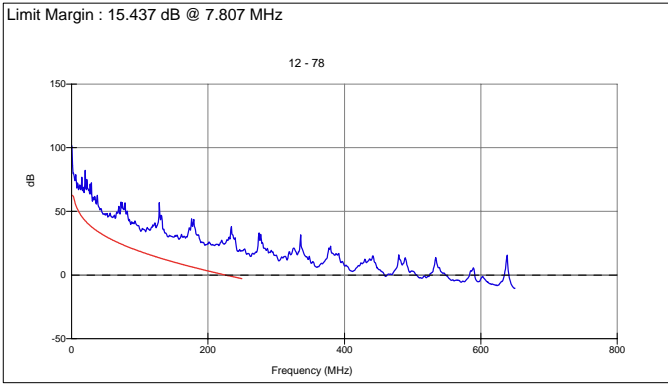
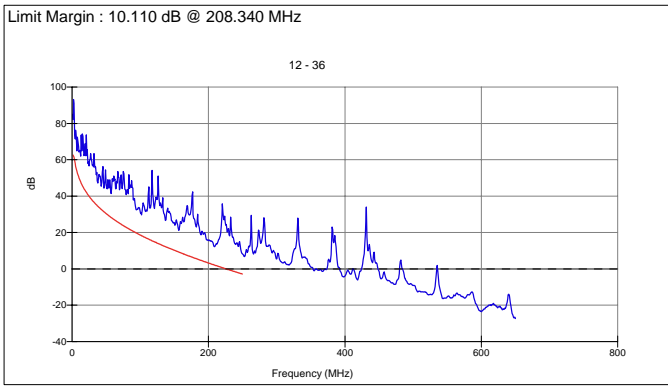
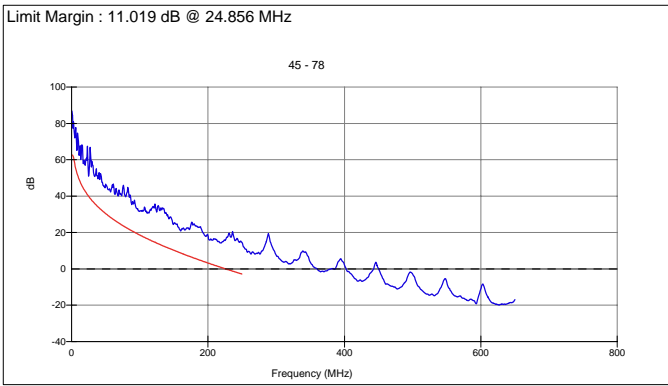
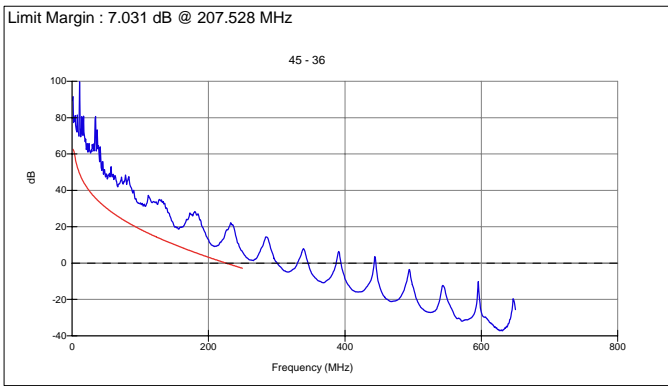
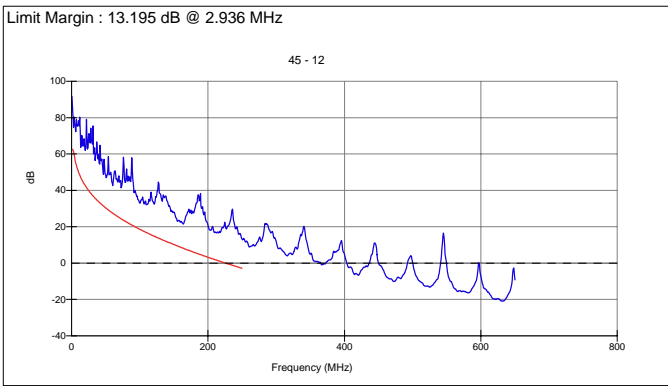






**ACR - Near End**

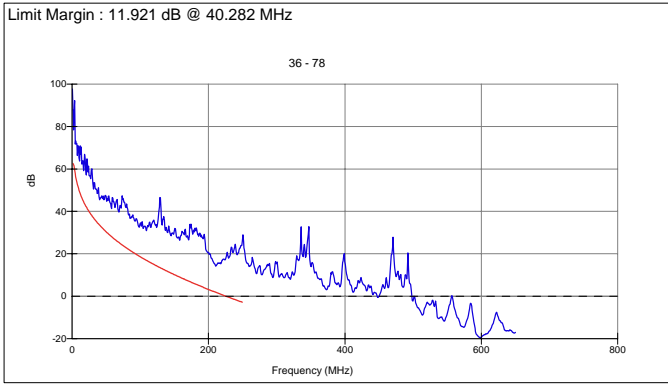
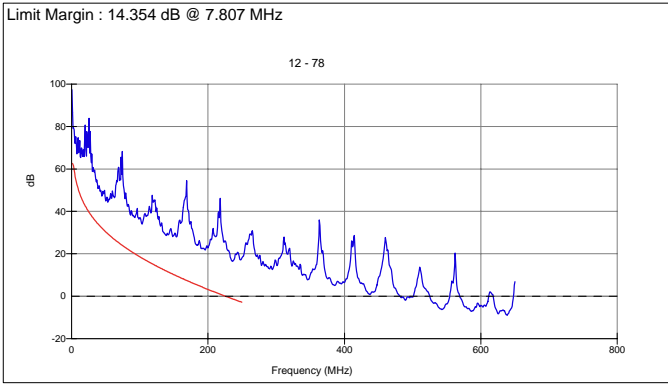
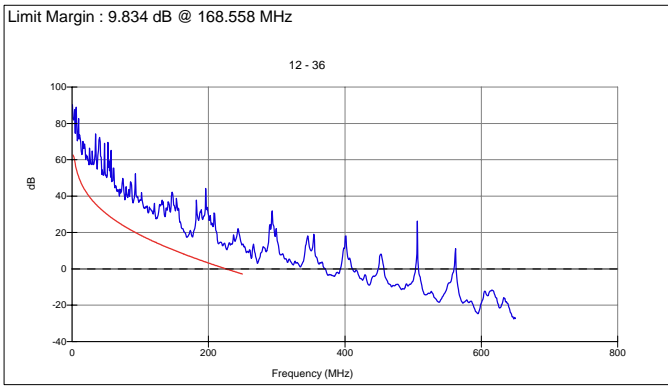
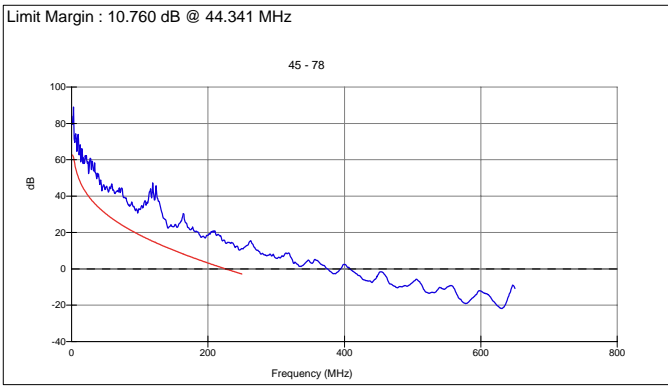
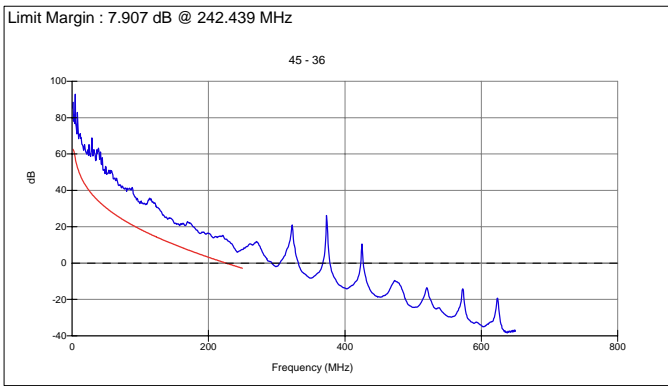
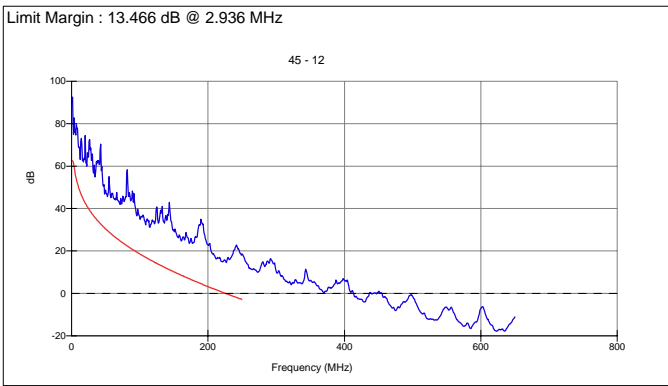
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





ACR - Far End

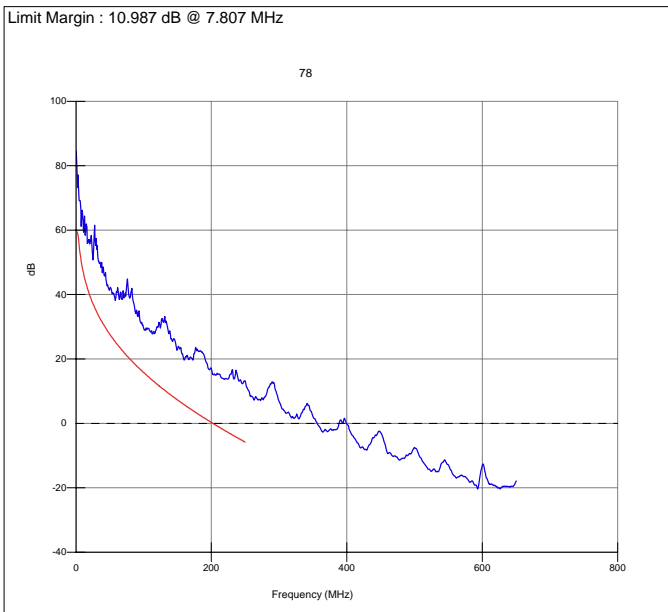
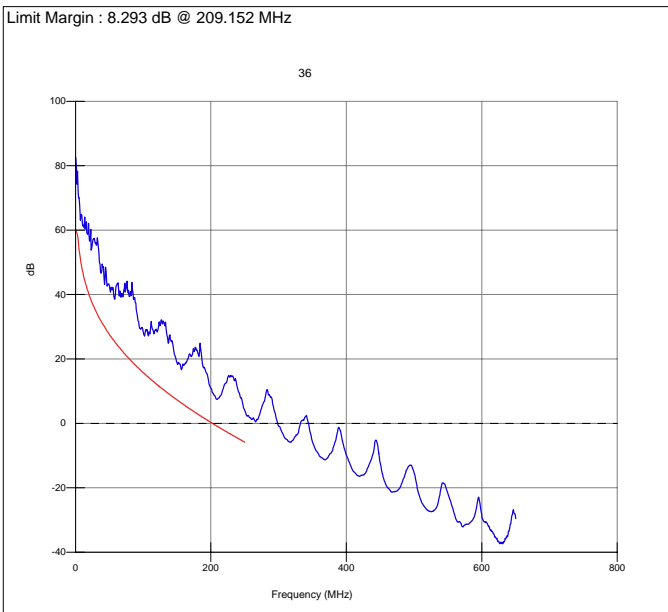
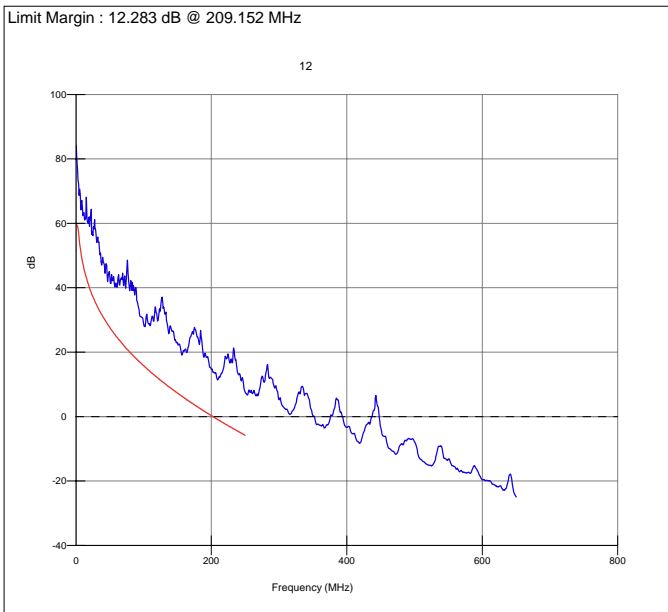
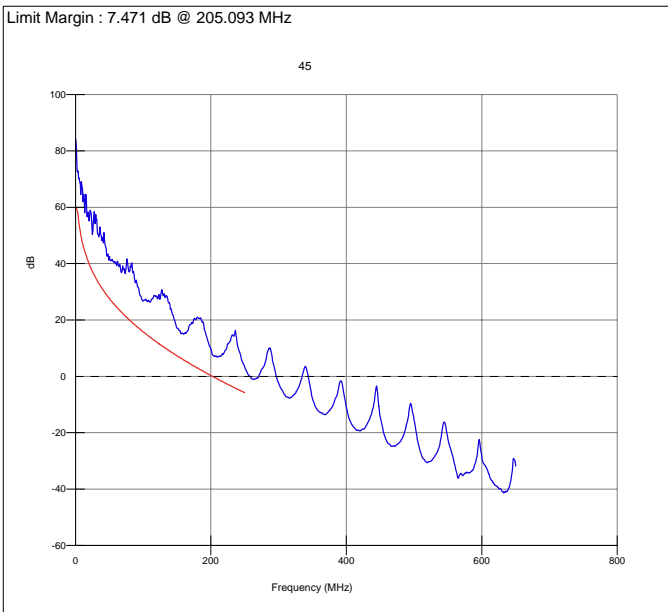
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





PSACR - Near End

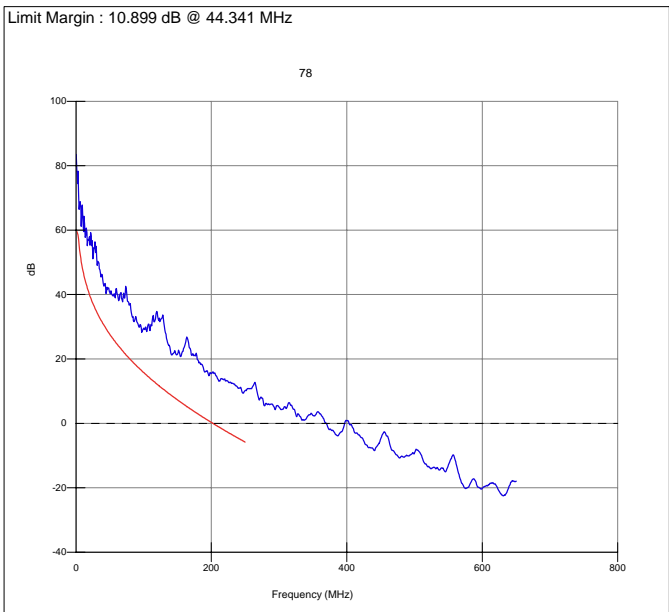
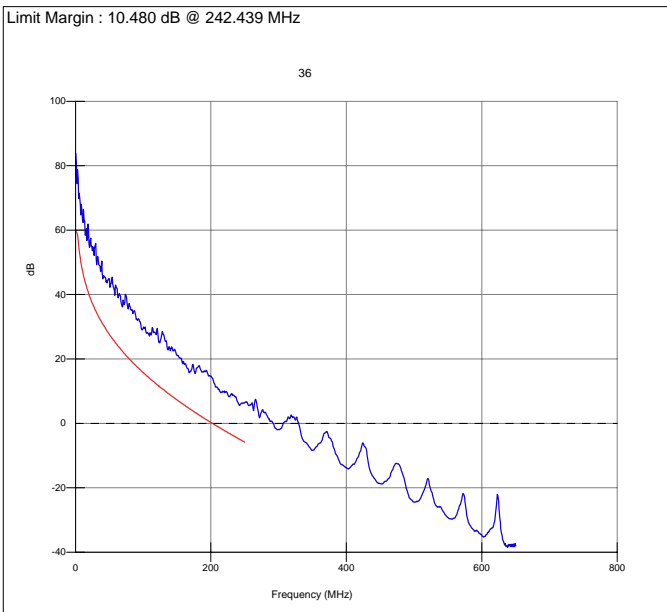
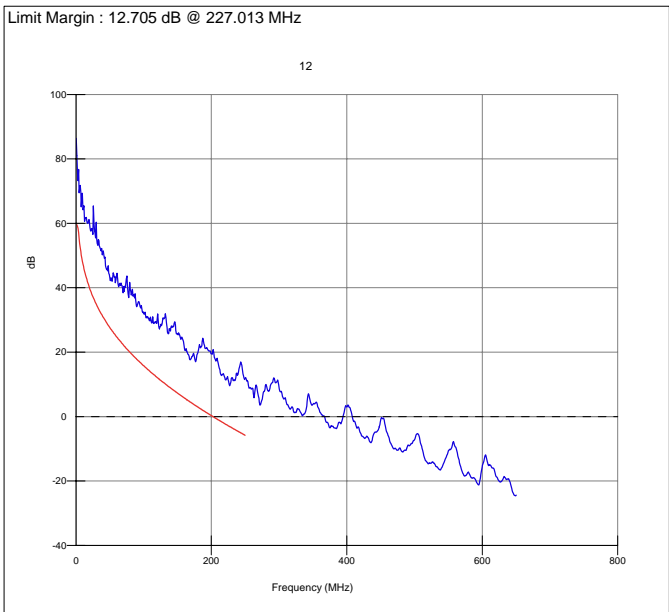
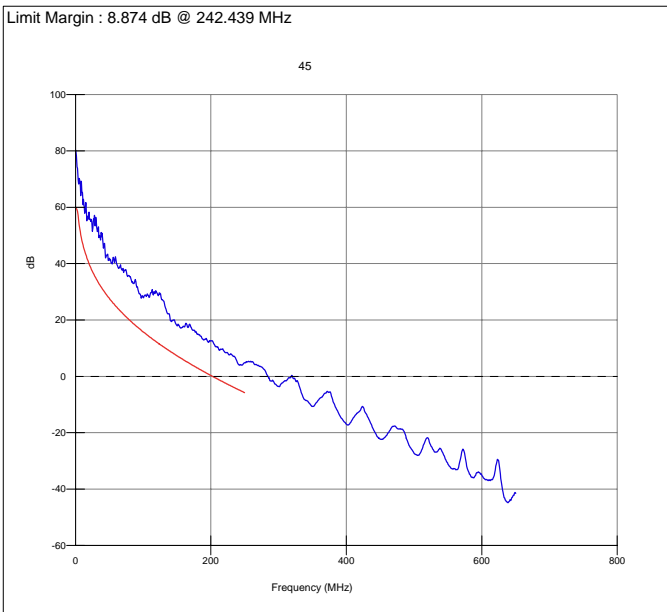
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





PSACR - Far End

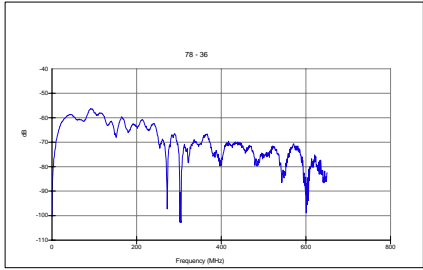
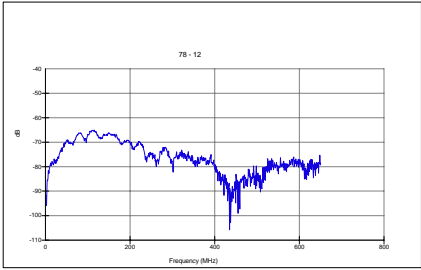
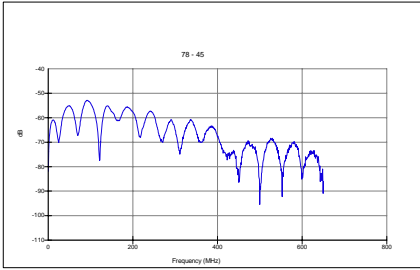
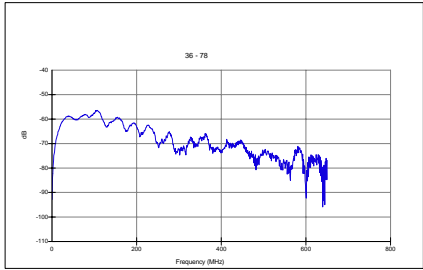
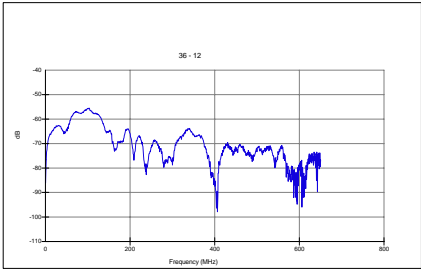
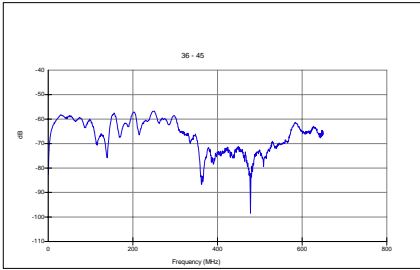
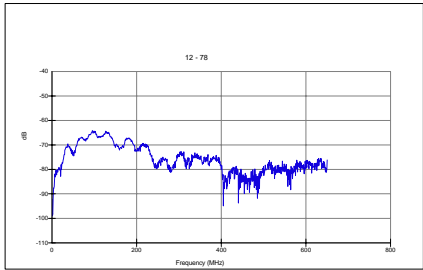
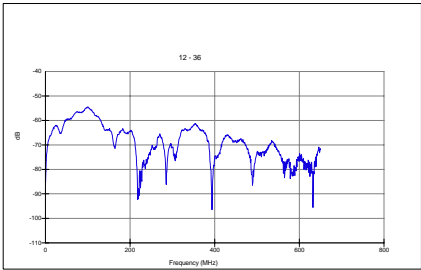
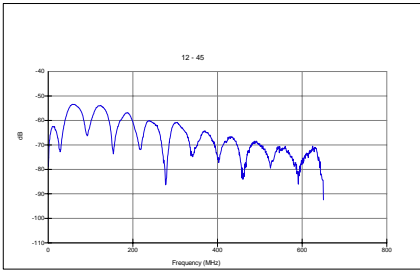
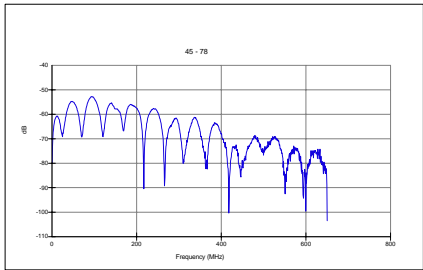
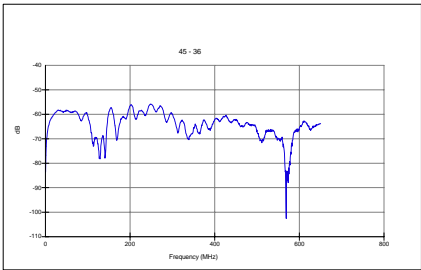
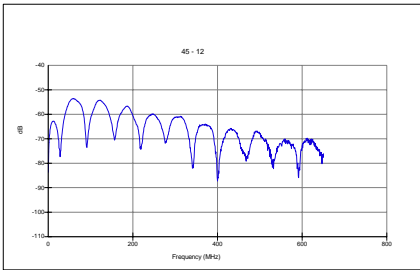
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





FEXT - Near End

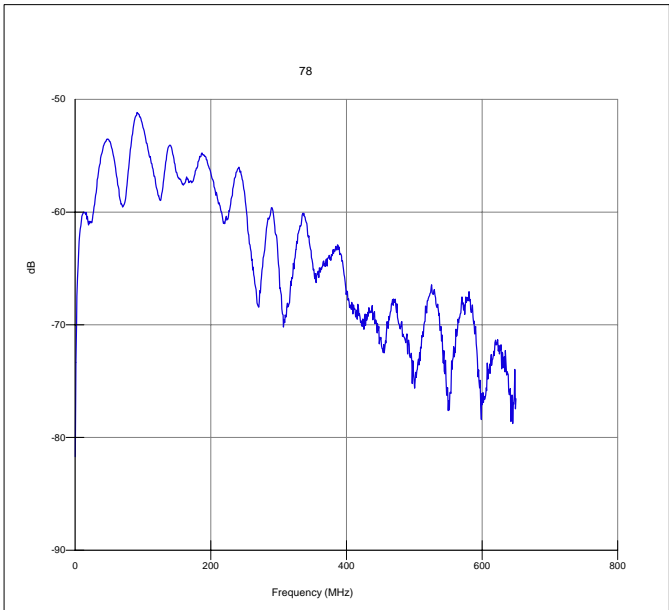
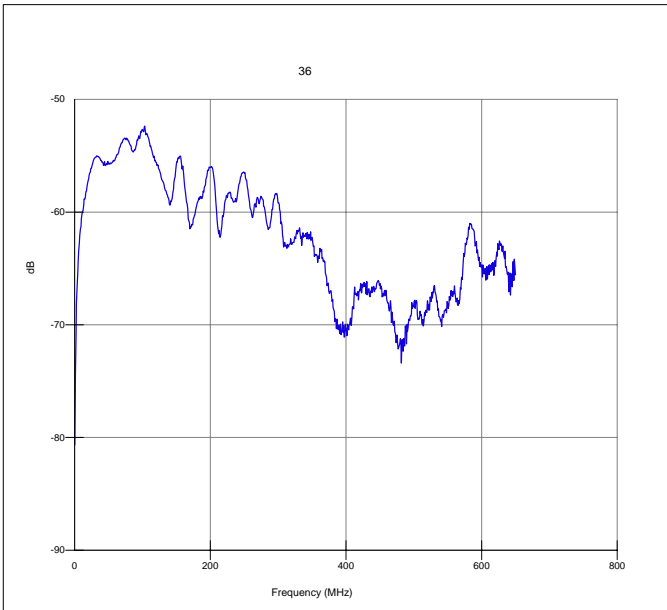
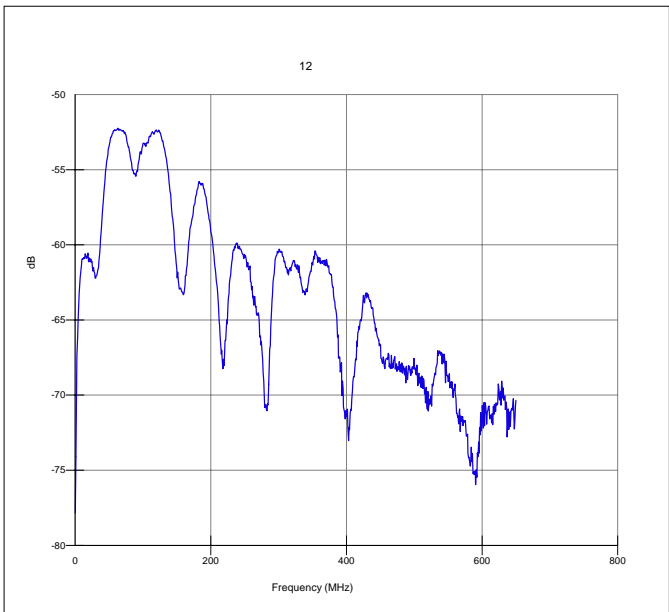
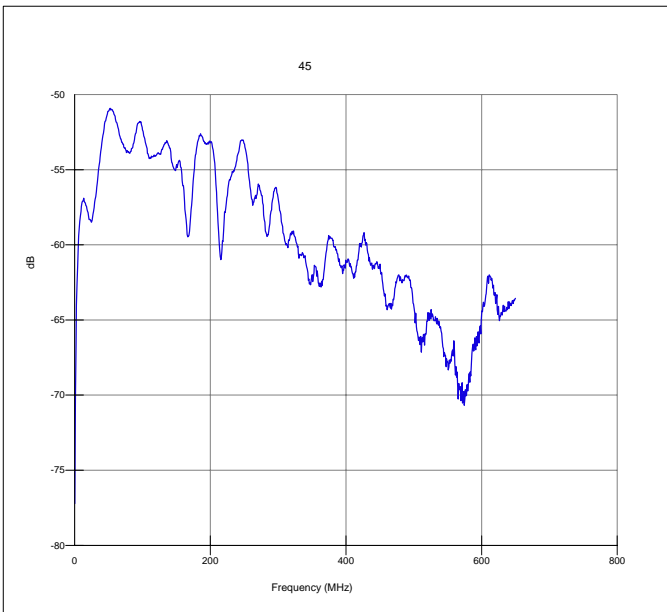
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





PSFEXT - Near End

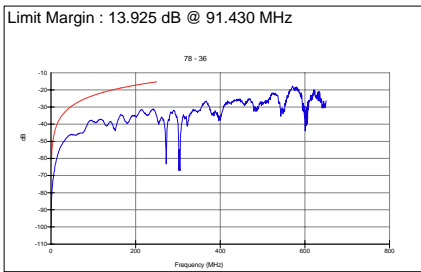
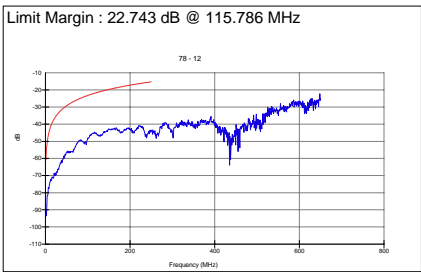
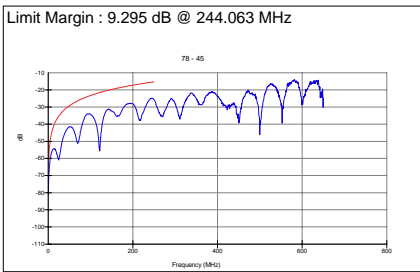
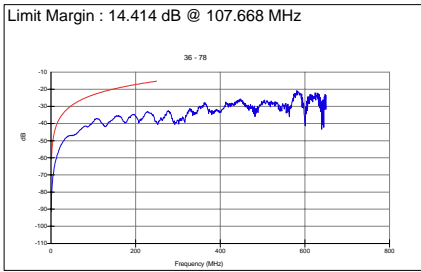
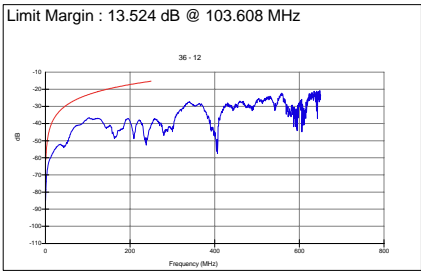
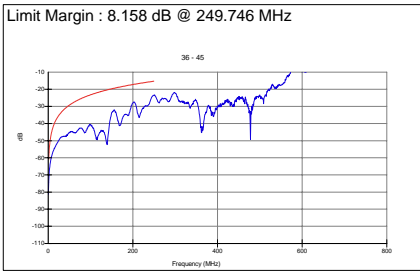
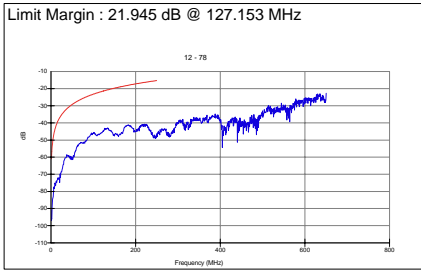
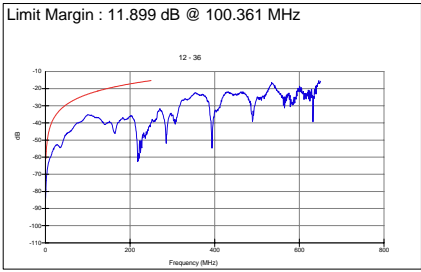
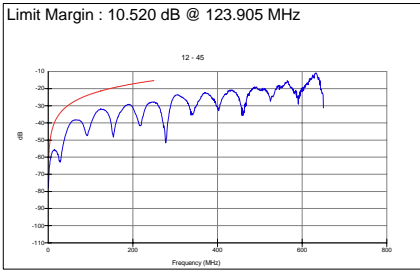
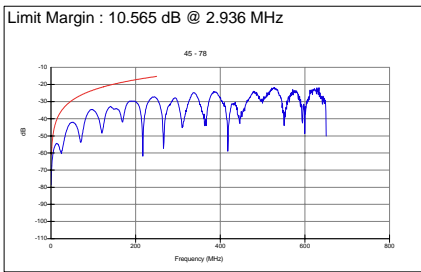
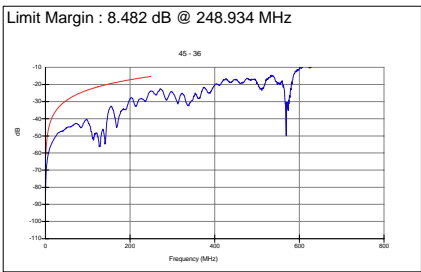
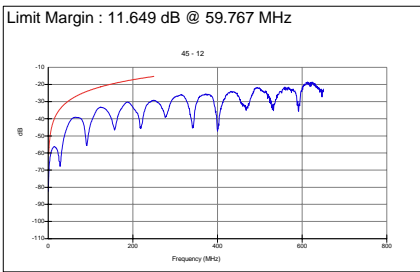
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## ACRF (ELFEXT) - Near End

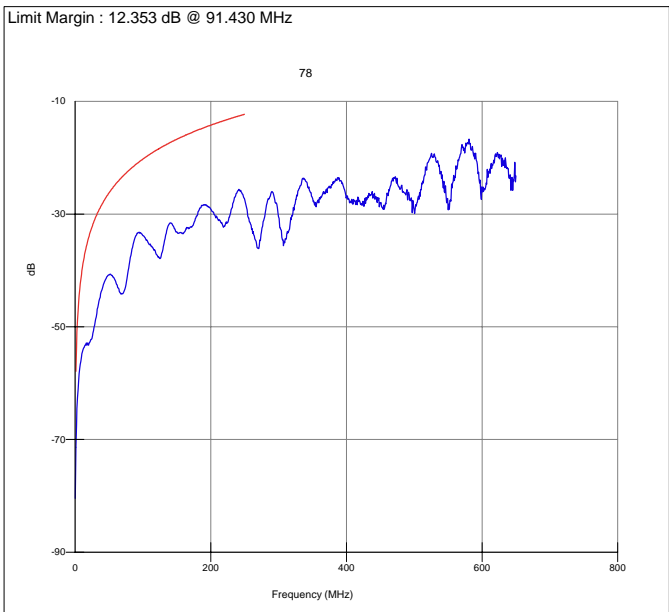
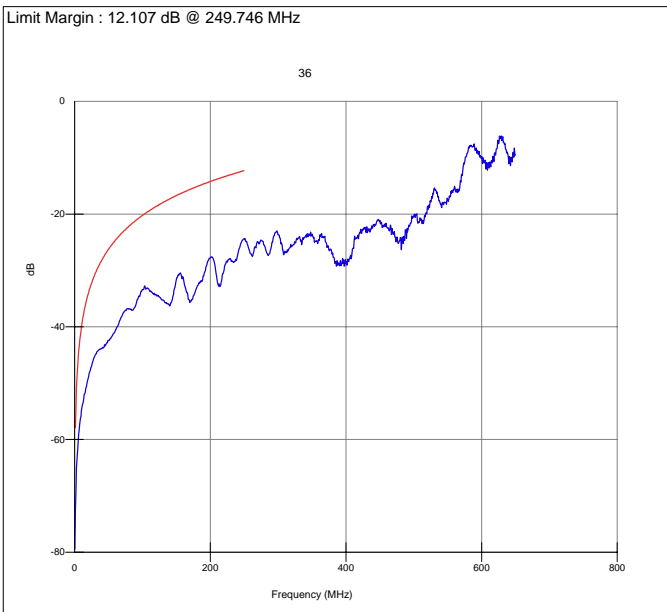
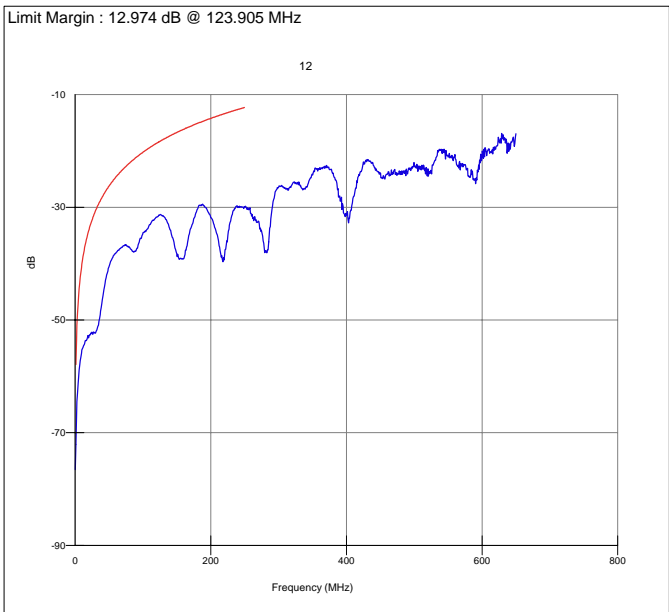
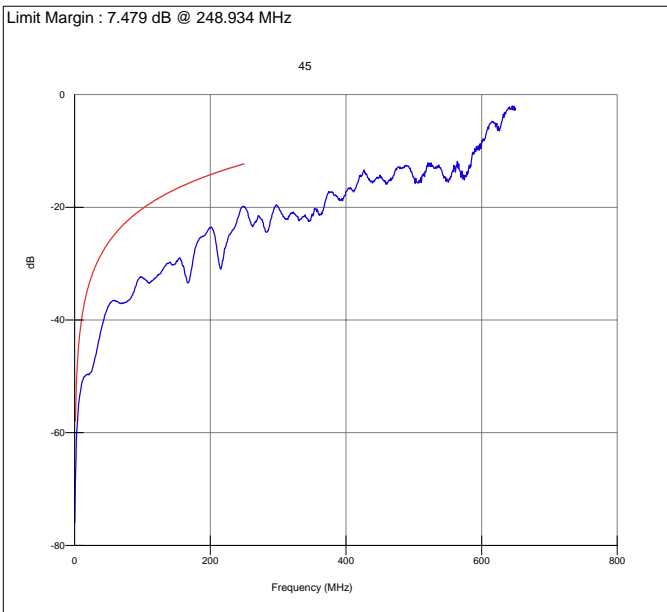
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





PSACRF (PSELFEXT) - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		

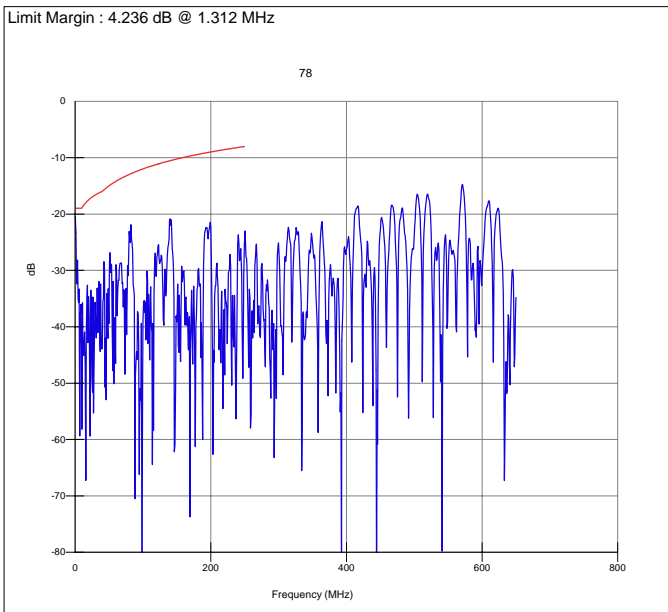
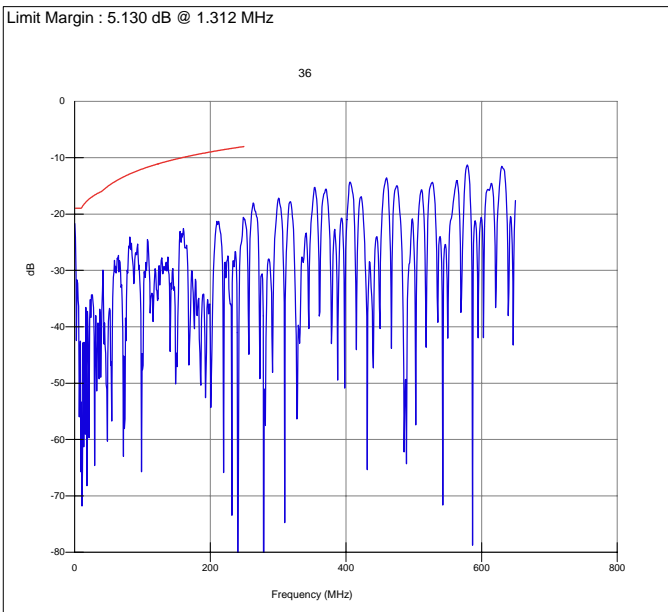
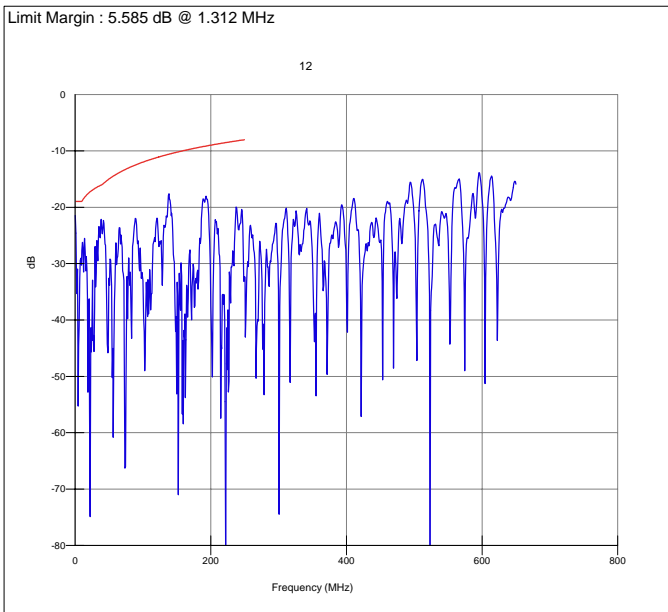
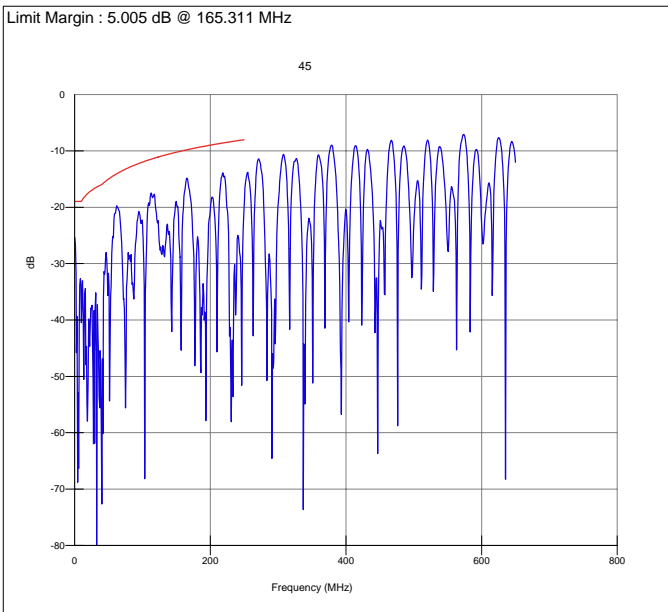






## Return Loss - Near End

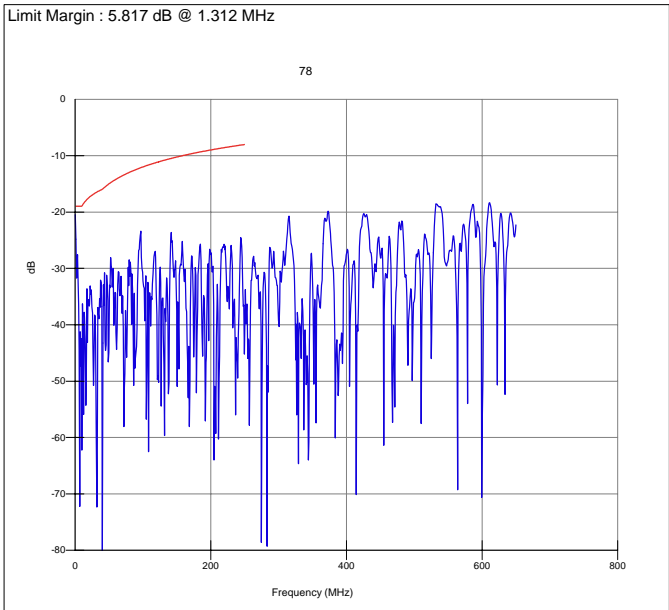
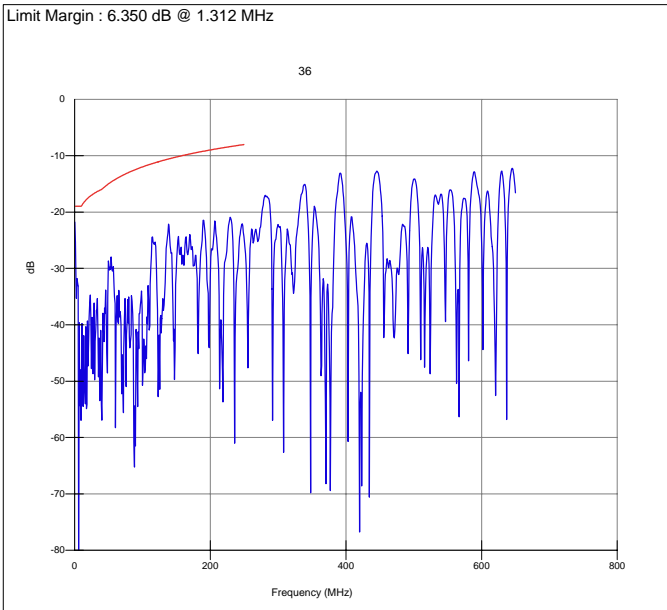
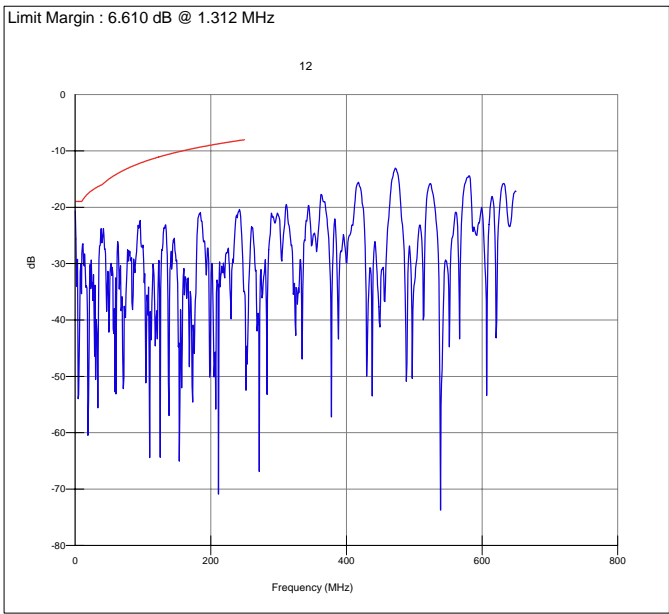
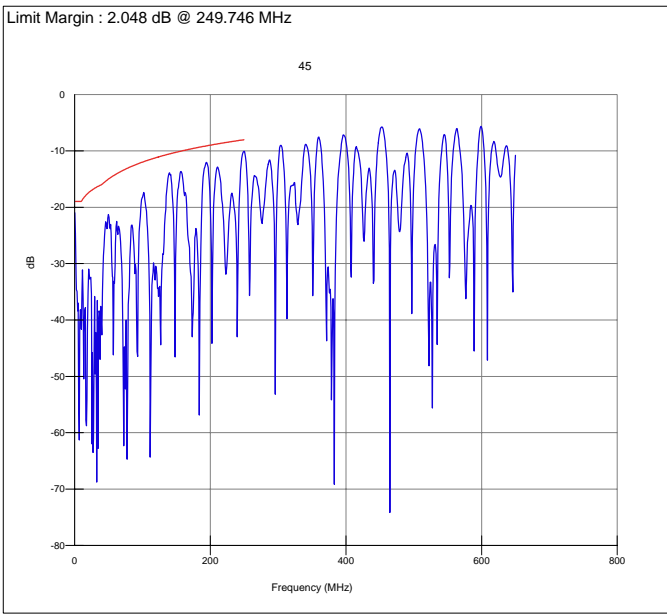
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## Return Loss - Far End

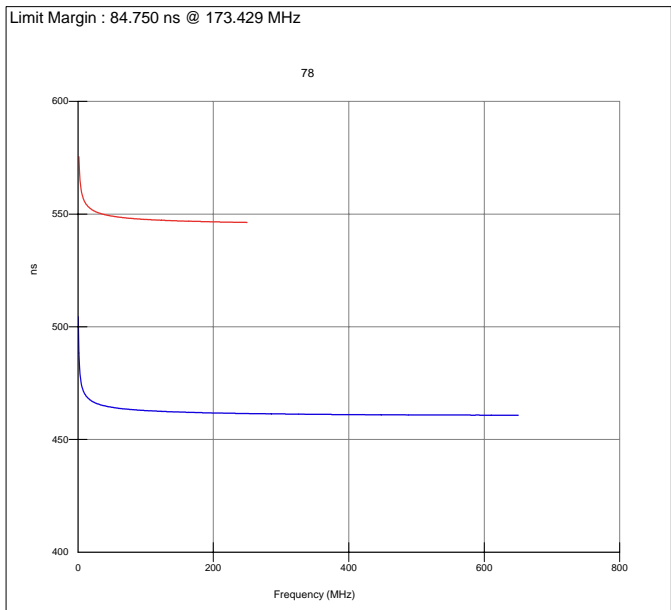
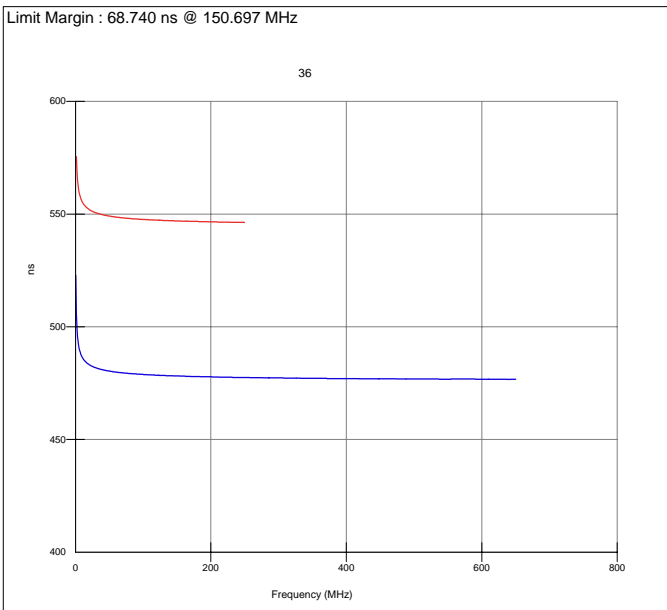
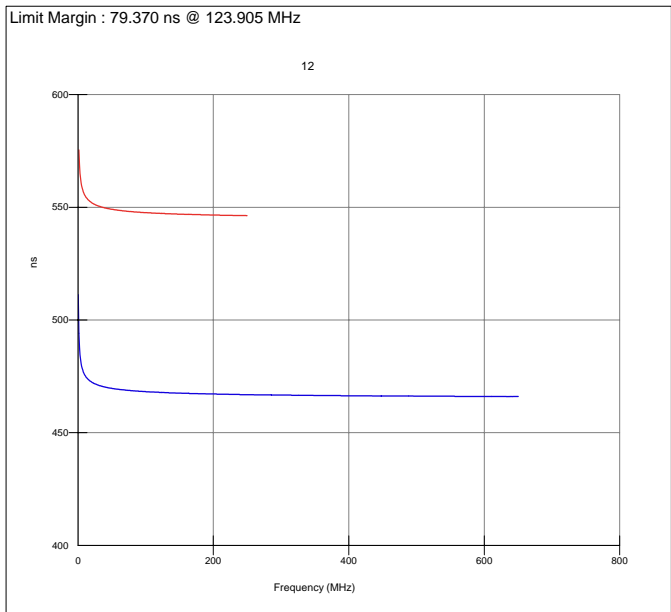
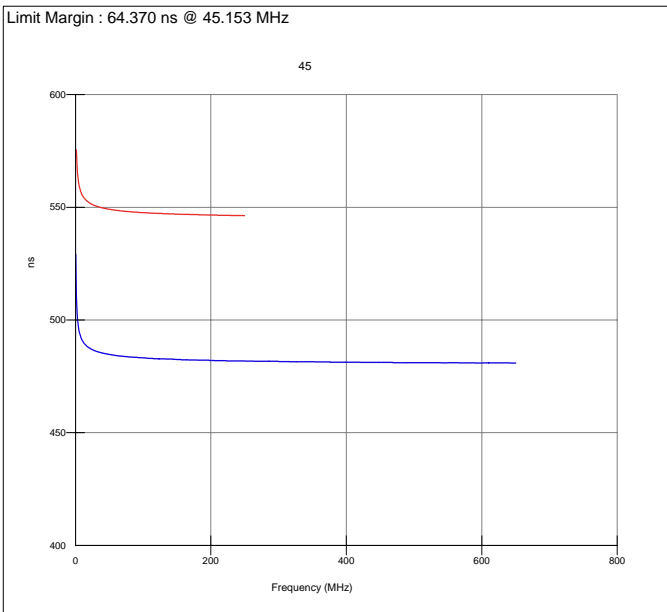
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## Propagation Delay - Near End

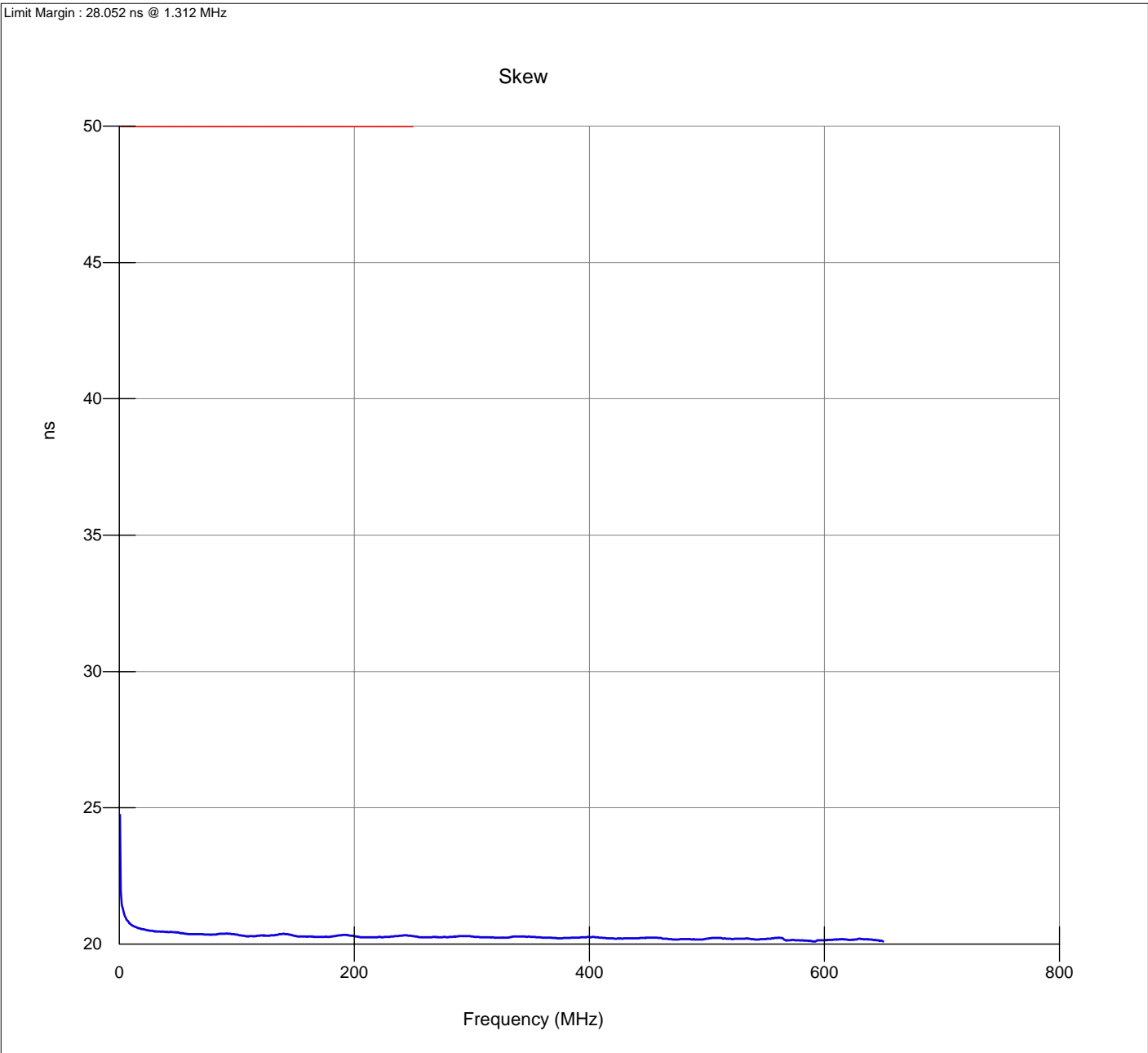
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





## Propagation Delay Skew - Near End

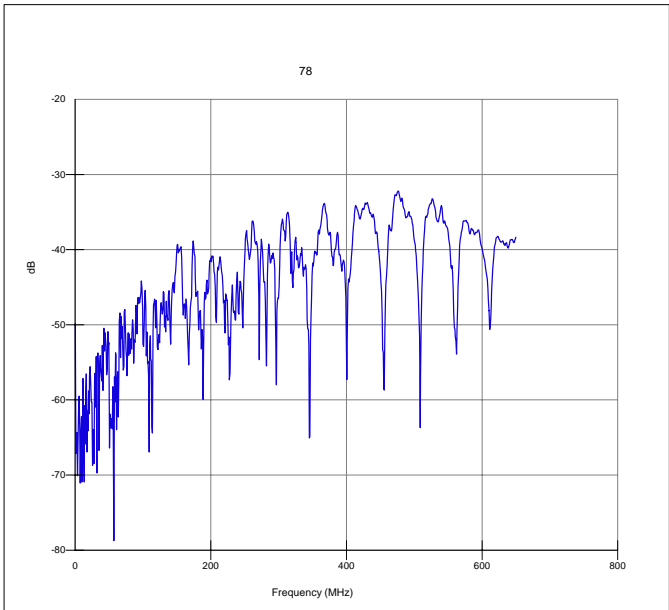
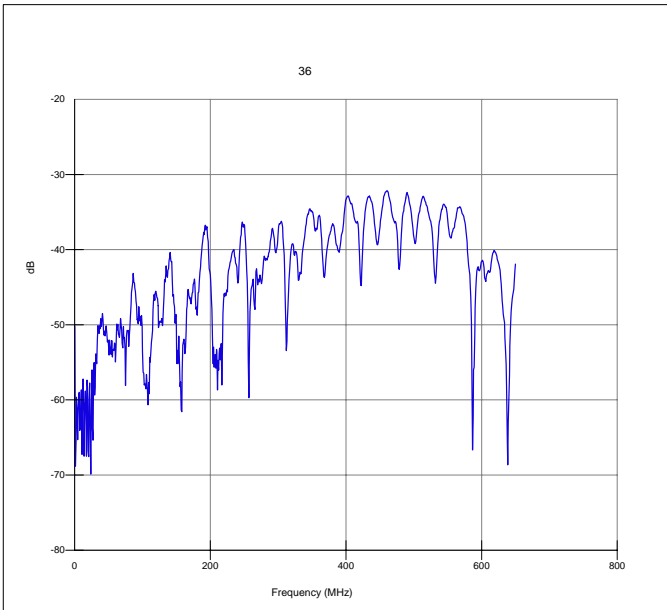
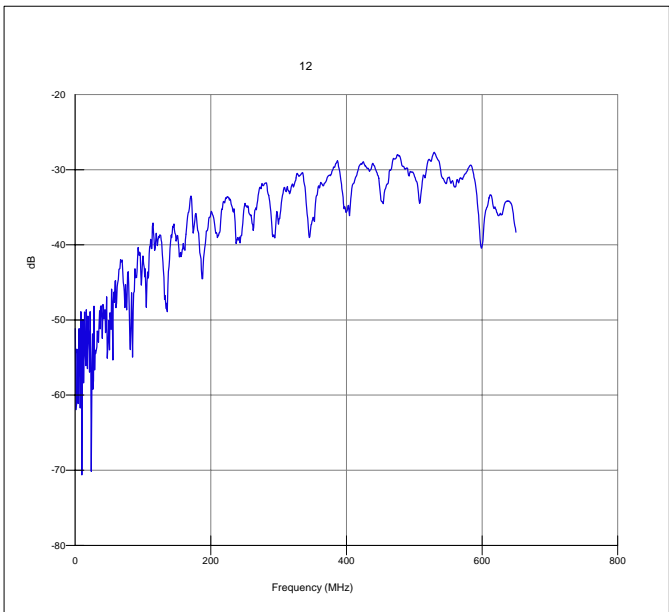
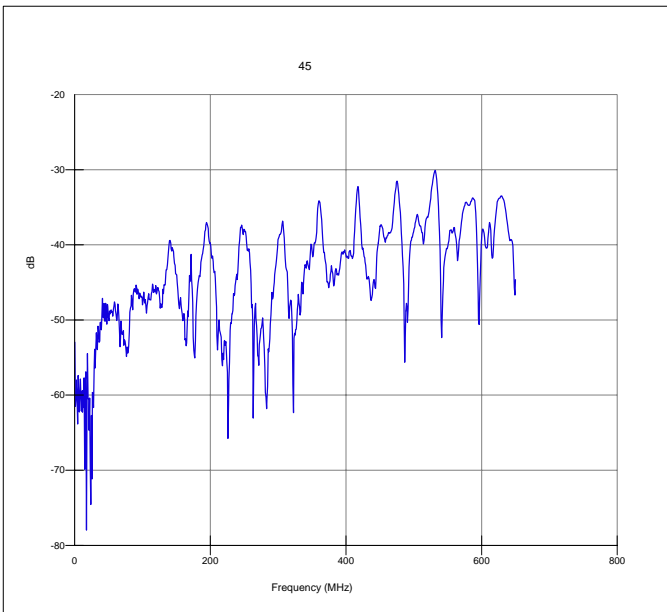
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel		
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Length(m)</b>	98.
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Temperature</b>	22 °C
<b>Description</b>	4 Connector Channel	<b>Appendix</b>	A
<b>Operator Name</b>	John Cash	<b>Test Status</b>	Complies





TCL - Near End

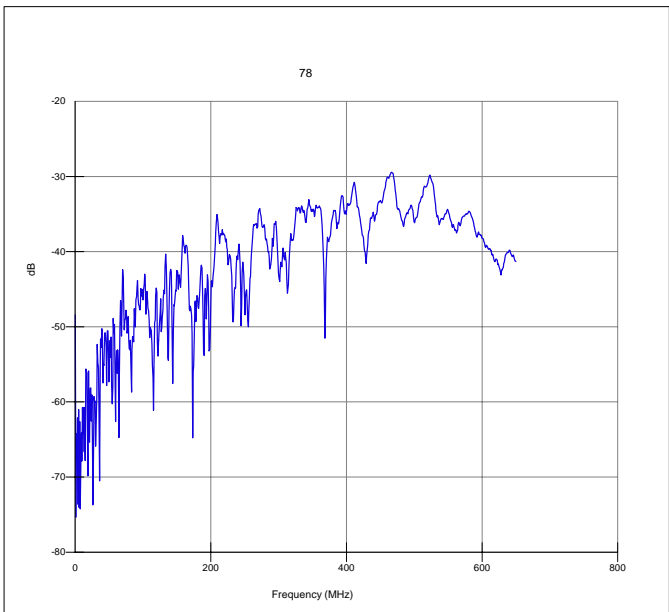
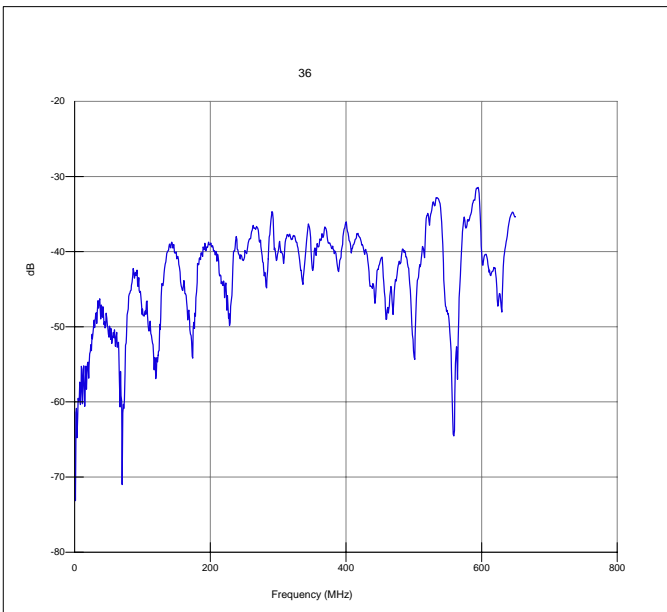
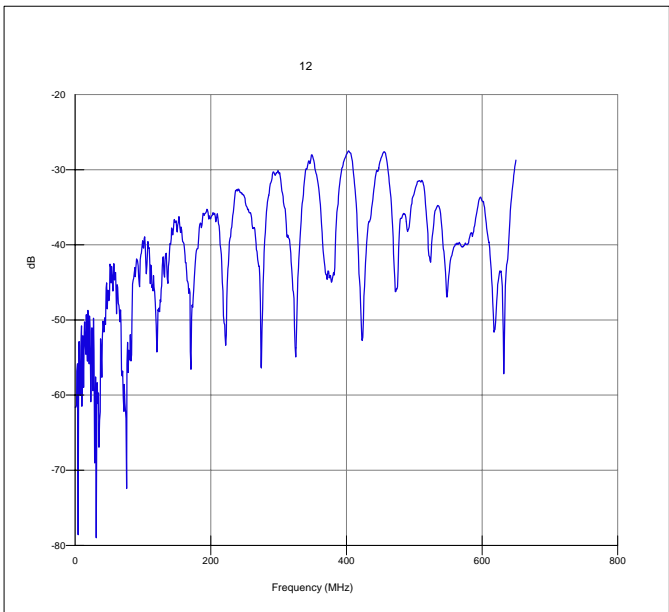
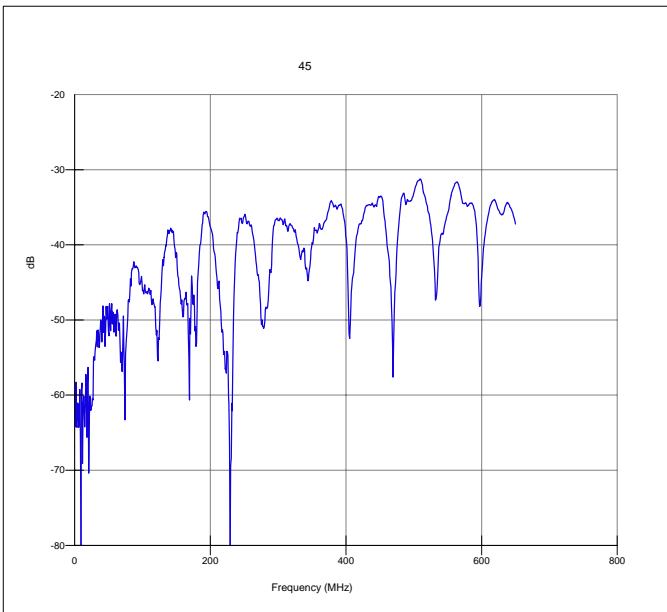
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





TCL - Far End

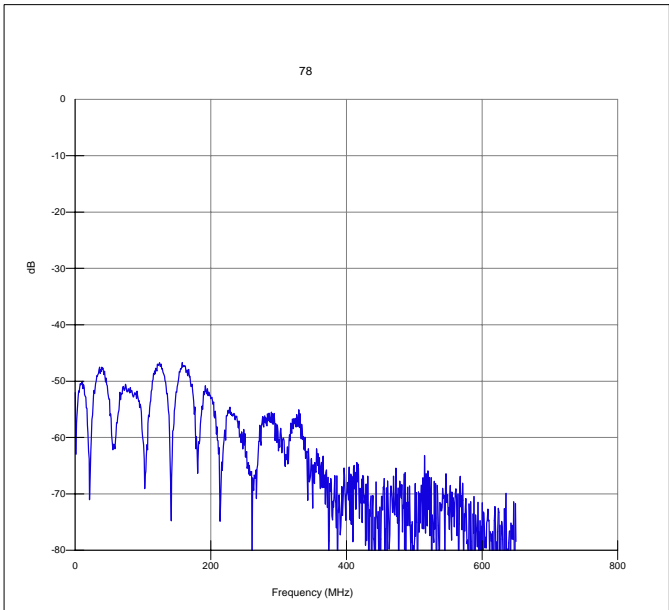
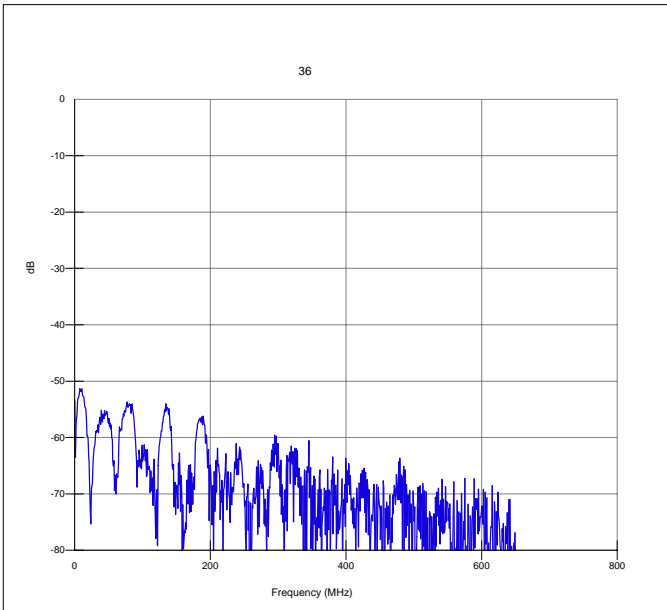
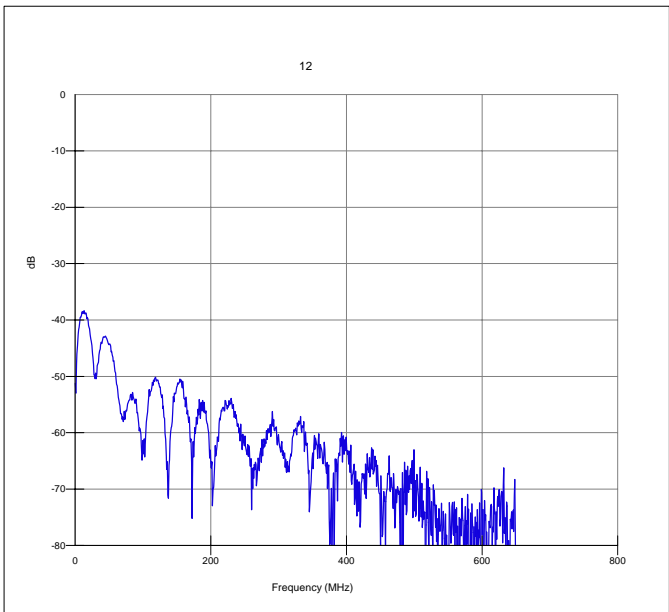
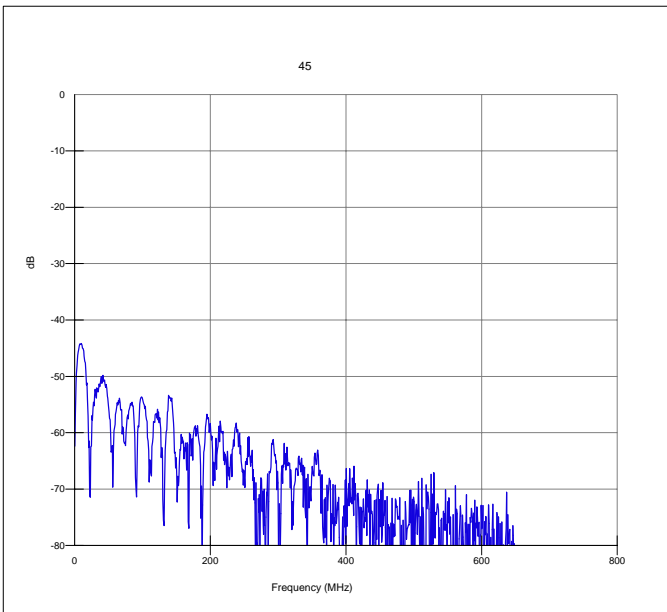
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





TCTL - Near End

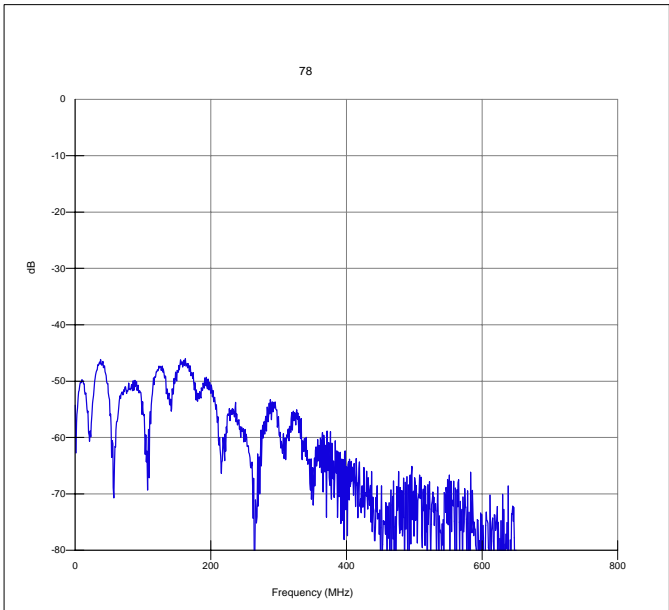
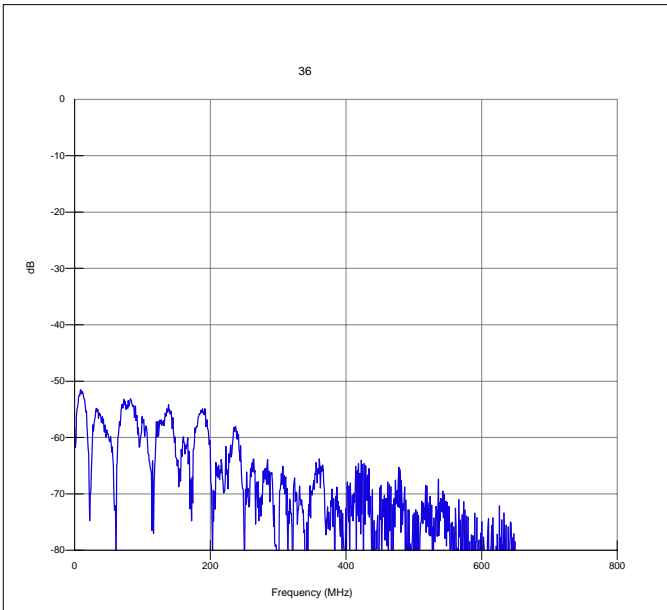
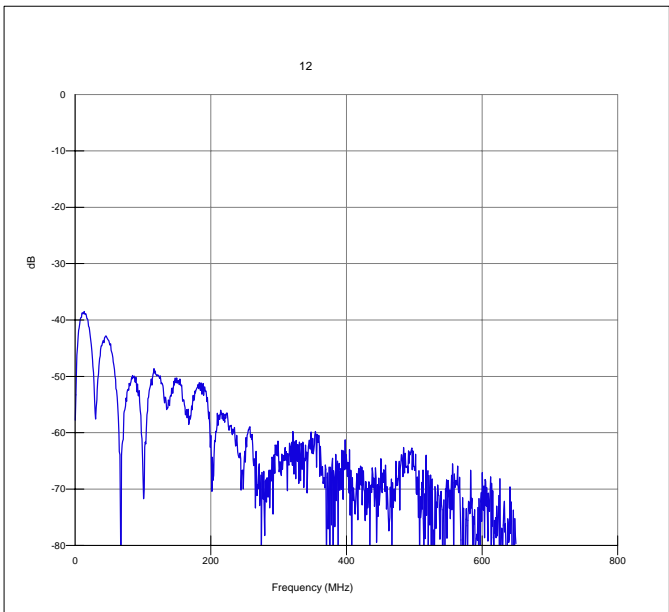
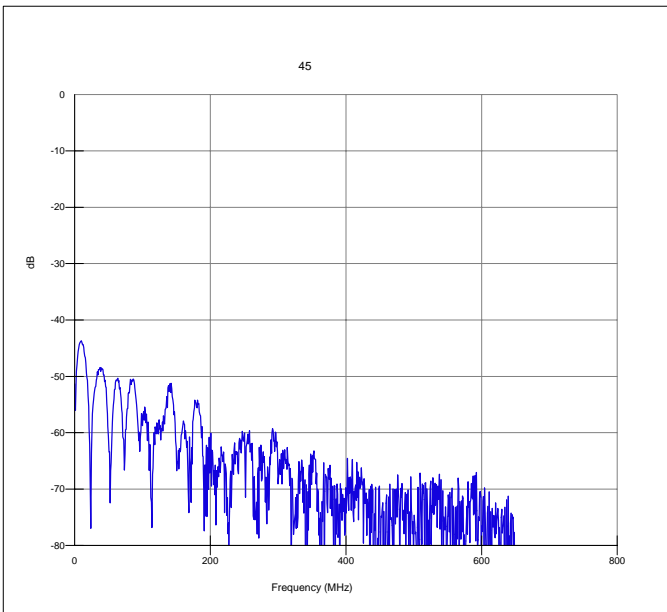
<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





TCTL - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		

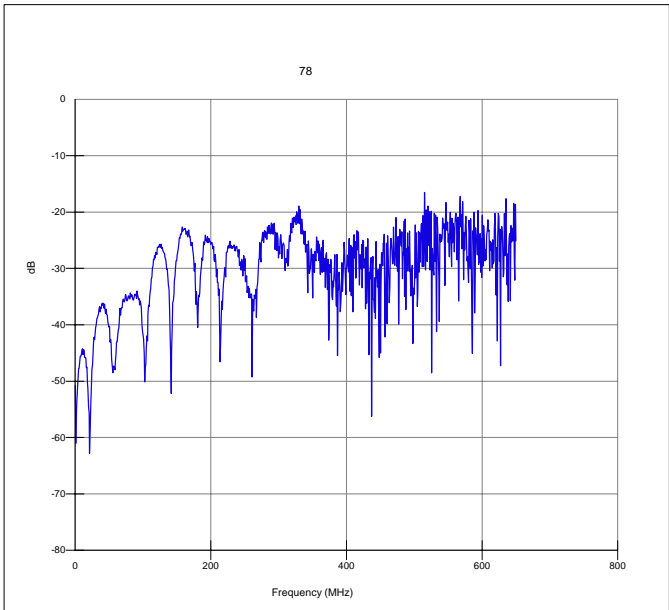
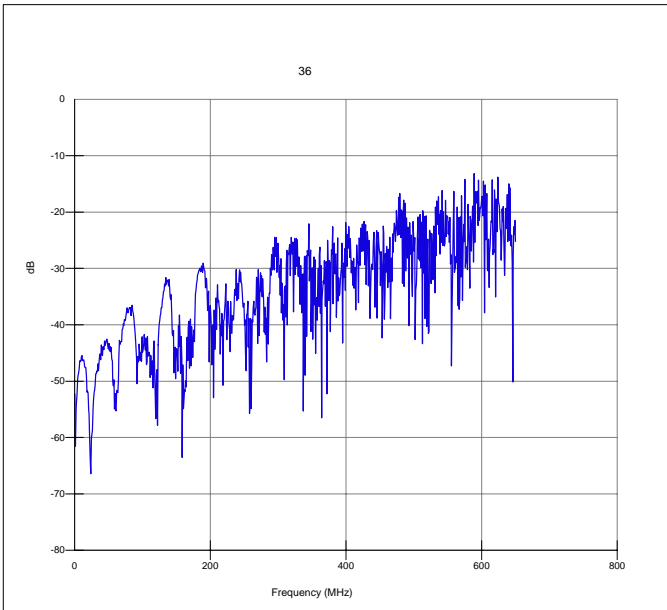
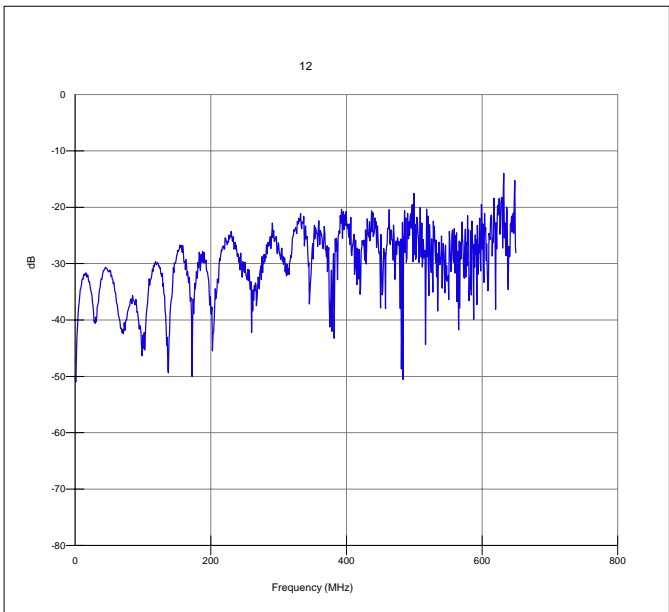
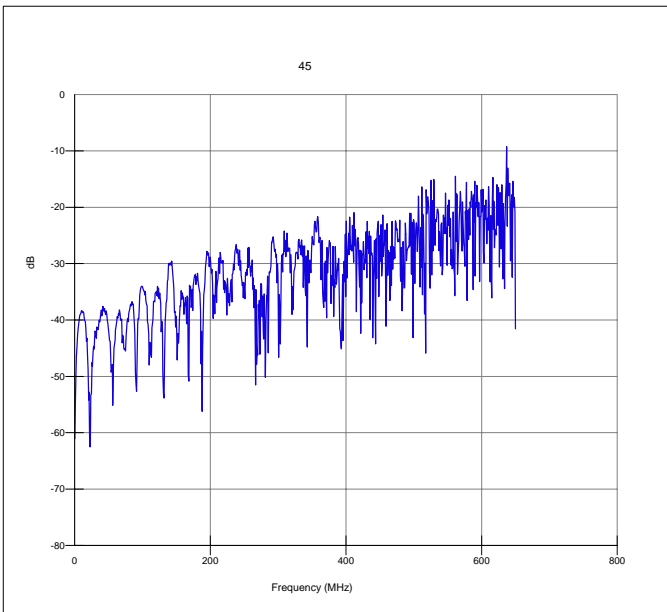






ELTCTL - Near End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		





ELTCTL - Far End

<b>Client</b>	Schneider Electric India	<b>Report No</b>	102185528CRT-001
<b>Specification</b>	ANSI-TIA-568-C2 Cat 6 Channel	<b>Length(m)</b>	98.
<b>Part No</b>	ACT4P6UCM3RBBU_E	<b>Temperature</b>	22 °C
<b>Test Started</b>	7/1/2015 8:02:32 AM	<b>Appendix</b>	A
<b>Description</b>	4 Connector Channel	<b>Test Status</b>	Complies
<b>Operator Name</b>	John Cash		

