

September 8, 2015

Test report number 102207890CRT-002b
Project number 102207890-311

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

TEST:

Final qualification testing of a cabling configuration to the standard requirements of ISO/IEC 11801 for Class E_A channel with limits extended out to 800 MHz.

STANDARD USED:

ISO/IEC 11801 Information Technology - Generic cabling for customer premises, Second edition dated September 2002 including amendments up to Amendment 2, dated April 2010

SECTION:

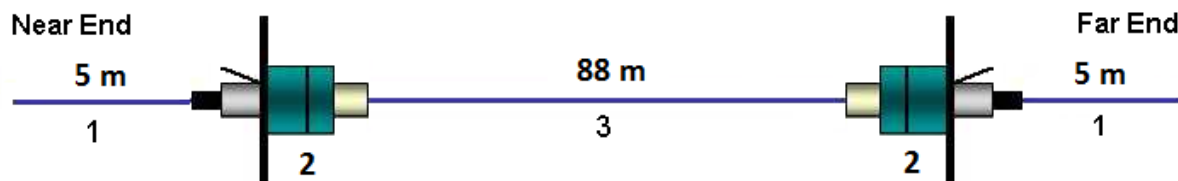
6.4.2 to 6.4.8, 6.4.12 to 6.4.14.3 and 6.4.15

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-15-000721.

SAMPLE DESCRIPTION:

An Intertek representative randomly selected a 2-connector channel as illustrated below. The samples were received on August 25, 2015 and were production samples in good condition.



Component Id	Manufacturer	Description	Part number
1	Schneider Electric	Equipment Cord, 5 m	ACTPTG6ASBCMXXYY_E
2	Schneider Electric	Wall Outlet	VDIB1775XUWE_E
		Patch Panel	ACTPP6ATGUXXNSA_E ACTPP6ATGU24NSS_E
3	Schneider Electric	CM, UTP, Horizontal Cable, 88 m	ACTTG4P6AUCM3RBU_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:

September 3, 2015 through September 8, 2015

TEST REPORT REVISION HISTORY:

First Issue: September 8, 2015 Original Document

RESULTS: See appendixes A and B 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
Project Engineer
Global Cabling Products Testing

John Cash
Associate Engineer
Global Cabling Products Testing



Schneider Electric India Pvt. Ltd.,

Test report number 102207890CRT-002b
September 8, 2015

Appendix A
Internal test results

This appendix contains 39 pages.



Low Frequency Report

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

DC Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
7.9154	7.7107	8.0579	7.7785	
7.9365	7.7271	8.0865	7.8060	

Resistance Unbalanced (%)				
45	12	36	78	Limit (%)
0.13	0.11	0.18	0.18	3.00

Resistance Unbalanced Pair-Pair (%)						
45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78	Limit (%)
1.32	0.91	0.85	2.24	0.47	1.76	

DC Loop Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
15.8500	15.4370	16.1420	15.5820	25.0000



Insertion Loss

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

Insertion Loss (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-4.00	-1.83	-1.78	-1.14	-1.84
4.	-4.16	-3.51	-3.48	-2.93	-3.54
8.	-5.81	-4.93	-4.90	-4.44	-4.98
10.	-6.49	-5.51	-5.49	-5.05	-5.57
16.	-8.20	-6.97	-6.92	-6.56	-7.03
20.	-9.17	-7.81	-7.76	-7.44	-7.88
25.	-10.27	-8.74	-8.68	-8.42	-8.82
31.25	-11.50	-9.78	-9.71	-9.54	-9.86
62.5	-16.40	-13.87	-13.76	-13.80	-13.97
100.	-20.93	-17.68	-17.51	-17.86	-17.76
155.	-26.34	-22.32	-22.01	-22.72	-22.26
200.	-30.14	-25.38	-25.33	-25.86	-25.58
250.	-33.95	-28.72	-28.22	-29.24	-28.51
300.	-37.44	-31.26	-31.10	-32.47	-31.54
350.	-40.68	-34.21	-33.64	-35.02	-33.94
400.	-43.73	-36.60	-36.38	-38.09	-36.85
450.	-46.63	-38.92	-39.05	-40.56	-38.97
500.	-49.40	-40.95	-40.77	-43.00	-41.55
550.	-52.05	-43.31	-43.13	-45.14	-43.53
600.	-54.61	-45.67	-45.18	-47.54	-45.32
650.	-57.08	-47.61	-47.36	-50.71	-47.63
700.	-59.48	-49.89	-49.20	-52.61	-49.16
750.	-61.81	-51.74	-51.15	-54.79	-52.16
800.	-64.08	-54.69	-53.10	-56.72	-53.48



NEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

NEXT - Near End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.		-90.81	-85.46	-87.49	-94.36	-93.13	-85.99
4.		-92.88	-77.32	-85.75	-85.67	-87.37	-79.07
8.	-58.16	-74.48	-76.34	-81.10	-79.00	-80.62	-81.72
10.	-56.58	-79.52	-70.63	-78.54	-74.79	-81.28	-74.52
16.	-53.23	-71.69	-64.94	-71.64	-79.80	-77.59	-71.88
20.	-51.63	-75.38	-64.26	-72.74	-74.95	-76.36	-66.99
25.	-50.03	-69.20	-61.60	-70.08	-74.91	-72.28	-66.51
31.25	-48.42	-80.16	-60.87	-63.63	-67.26	-71.05	-70.60
62.5	-43.38	-70.66	-53.60	-65.74	-68.51	-64.55	-58.50
100.	-39.93	-63.93	-51.12	-63.29	-60.68	-66.93	-55.95
155.	-36.68	-66.13	-48.36	-58.97	-61.88	-56.59	-57.39
200.	-34.78	-55.63	-47.76	-52.07	-60.44	-59.34	-52.43
250.	-33.11	-63.83	-44.53	-54.83	-56.54	-55.89	-50.93
300.	-31.75	-51.97	-43.22	-61.77	-51.16	-57.32	-46.12
350.	-30.58	-64.56	-44.43	-50.53	-45.15	-55.55	-48.36
400.	-29.58	-56.76	-43.27	-49.43	-46.54	-54.74	-44.95
450.	-28.69	-68.15	-40.24	-50.15	-41.18	-57.96	-39.82
500.	-27.89	-52.60	-38.28	-51.75	-44.60	-57.94	-44.36
550.	-27.16	-41.39	-39.09	-48.65	-39.36	-55.21	-39.98
600.	-26.50	-52.92	-35.31	-60.21	-41.29	-46.87	-41.44
650.	-25.89	-48.27	-28.52	-45.04	-37.40	-55.53	-35.43
700.	-25.33	-55.75	-34.50	-40.59	-40.34	-51.29	-38.59
750.	-24.80	-51.15	-32.13	-44.34	-35.47	-57.08	-34.36
800.	-24.31	-52.80	-27.42	-46.47	-37.98	-48.35	-40.83



NEXT - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

NEXT - Far End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.		-91.70	-86.87	-89.26	-93.23	-94.99	-86.26
4.		-89.50	-78.44	-79.43	-81.37	-97.41	-77.99
8.	-58.16	-82.00	-80.10	-77.95	-73.53	-85.84	-80.67
10.	-56.58	-91.38	-70.57	-80.46	-71.96	-91.82	-73.79
16.	-53.23	-78.53	-65.31	-68.01	-69.30	-81.56	-70.87
20.	-51.63	-73.85	-66.00	-70.68	-66.26	-94.99	-65.54
25.	-50.03	-74.89	-61.24	-71.60	-65.47	-78.61	-61.33
31.25	-48.42	-75.73	-61.86	-65.32	-63.46	-81.28	-64.41
62.5	-43.38	-64.10	-56.98	-56.98	-59.80	-80.67	-56.79
100.	-39.93	-60.15	-52.68	-58.41	-57.75	-88.21	-53.43
155.	-36.68	-54.43	-49.28	-53.94	-53.43	-69.82	-52.37
200.	-34.78	-55.46	-46.91	-53.88	-53.39	-68.89	-50.46
250.	-33.11	-60.60	-46.29	-51.60	-49.27	-61.35	-47.75
300.	-31.75	-57.53	-46.08	-55.88	-47.98	-54.60	-44.79
350.	-30.58	-51.51	-42.67	-60.89	-47.00	-67.13	-43.74
400.	-29.58	-51.25	-41.17	-49.25	-45.30	-56.95	-43.50
450.	-28.69	-49.58	-38.29	-62.43	-45.08	-62.26	-40.84
500.	-27.89	-47.63	-39.77	-46.70	-42.56	-58.87	-41.92
550.	-27.16	-50.90	-35.78	-46.91	-41.76	-67.07	-40.04
600.	-26.50	-49.00	-35.10	-43.51	-39.00	-57.58	-43.53
650.	-25.89	-49.71	-31.35	-42.79	-36.91	-54.80	-37.54
700.	-25.33	-44.30	-31.00	-51.10	-36.84	-51.37	-35.95
750.	-24.80	-52.07	-28.97	-49.59	-35.01	-49.25	-38.61
800.	-24.31	-47.66	-29.79	-52.77	-35.34	-53.98	-37.02



PSNEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSNEXT - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.		-82.63	-87.74	-82.42	-83.20
4.		-76.63	-82.96	-74.73	-77.73
8.	-55.60	-71.70	-72.43	-73.69	-76.35
10.	-53.99	-69.52	-72.80	-68.07	-72.44
16.	-50.59	-63.40	-70.11	-64.00	-68.16
20.	-48.97	-63.39	-70.51	-62.12	-65.55
25.	-47.34	-60.40	-66.70	-60.20	-64.18
31.25	-45.71	-58.78	-65.42	-59.42	-62.22
62.5	-40.59	-53.27	-62.38	-52.28	-56.92
100.	-37.08	-50.66	-58.34	-49.54	-54.93
155.	-33.78	-47.93	-55.10	-47.68	-52.77
200.	-31.85	-45.90	-53.18	-46.31	-48.83
250.	-30.15	-44.09	-52.83	-43.42	-48.53
300.	-28.76	-42.62	-47.99	-40.98	-45.69
350.	-27.58	-43.44	-44.73	-40.90	-45.81
400.	-26.56	-42.17	-45.58	-39.94	-43.30
450.	-25.65	-39.80	-41.08	-35.60	-39.37
500.	-24.84	-37.93	-43.79	-36.57	-43.48
550.	-24.10	-36.79	-37.18	-34.69	-39.32
600.	-23.43	-35.22	-40.00	-33.56	-40.30
650.	-22.81	-28.38	-37.00	-27.27	-34.94
700.	-22.24	-33.52	-39.89	-32.32	-36.32
750.	-21.70	-31.82	-35.33	-28.99	-33.93
800.	-21.20	-27.36	-37.47	-26.88	-39.21



PSNEXT - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSNEXT - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.		-84.07	-88.33	-83.10	-84.13
4.		-75.71	-80.66	-74.26	-75.61
8.	-55.60	-74.87	-72.73	-71.98	-75.64
10.	-53.99	-70.10	-71.85	-67.13	-72.83
16.	-50.59	-63.30	-68.56	-63.05	-65.99
20.	-48.97	-64.22	-65.56	-61.13	-64.36
25.	-47.34	-60.69	-64.81	-57.50	-60.86
31.25	-45.71	-59.96	-63.13	-58.22	-61.77
62.5	-40.59	-53.55	-58.38	-52.88	-53.86
100.	-37.08	-51.08	-55.76	-49.34	-52.23
155.	-33.78	-47.11	-50.84	-46.54	-50.00
200.	-31.85	-45.61	-51.22	-44.69	-48.75
250.	-30.15	-45.04	-48.71	-42.83	-46.11
300.	-28.76	-45.37	-46.75	-41.32	-44.05
350.	-27.58	-42.08	-45.65	-39.34	-43.63
400.	-26.56	-40.19	-44.09	-38.23	-42.32
450.	-25.65	-37.96	-43.70	-35.82	-40.78
500.	-24.84	-38.41	-41.31	-36.47	-40.61
550.	-24.10	-35.33	-41.24	-33.66	-39.22
600.	-23.43	-34.36	-38.53	-33.19	-40.42
650.	-22.81	-30.99	-36.61	-29.53	-36.34
700.	-22.24	-30.76	-36.00	-29.01	-35.70
750.	-21.70	-28.91	-34.77	-27.64	-37.94
800.	-21.20	-29.70	-35.03	-28.13	-36.82



ACR - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
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Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

ACR - Near End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	61.00	89.03	84.33	85.65	93.22	91.29	84.15
4.	58.88	89.40	74.39	82.21	82.75	83.84	75.54
8.	52.35	69.58	71.89	76.13	74.55	75.64	76.74
10.	50.09	74.04	65.58	72.97	69.74	75.71	68.95
16.	45.03	64.77	58.37	64.61	73.23	70.55	64.85
20.	42.46	67.62	56.82	64.86	67.51	68.48	59.11
25.	39.76	60.52	53.18	61.27	66.49	63.47	57.69
31.25	36.92	70.44	51.33	53.77	57.71	61.19	60.74
62.5	26.97	56.90	39.80	51.77	54.71	50.58	44.52
100.	18.99	46.42	33.26	45.53	42.82	49.17	38.19
155.	10.34	44.12	25.65	36.71	39.16	34.33	35.13
200.	4.64	30.30	21.90	26.49	34.58	33.75	26.85
250.	-0.83	35.61	15.30	26.31	27.31	27.38	22.41
300.	-5.69	20.88	10.75	30.22	18.69	25.78	14.58
350.	-10.10	30.92	9.42	16.58	10.14	21.61	14.42
400.	-14.16	20.38	5.18	12.58	8.45	17.89	8.10
450.	-17.95	29.10	-0.33	11.18	0.62	18.99	0.85
500.	-21.51	11.83	-4.73	10.20	1.60	16.39	2.82
550.	-24.89	-1.74	-6.05	5.12	-5.78	11.68	-3.55
600.	-28.11	7.74	-12.23	14.89	-6.25	1.55	-3.89
650.	-31.19	0.90	-22.19	-2.60	-13.31	7.89	-12.20
700.	-34.16	6.55	-18.11	-8.57	-12.27	2.12	-10.58
750.	-37.01	0.00	-22.67	-7.82	-19.32	4.92	-17.80
800.	-39.78	-0.30	-29.30	-7.01	-18.74	-5.13	-12.65



ACR - Far End

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Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

ACR - Far End (dB)							
Freq (MHz)	Limit	45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78
1.	61.00	89.92	85.58	87.43	91.94	93.16	84.44
4.	58.88	86.03	75.36	75.90	78.30	93.88	74.46
8.	52.35	77.11	75.52	72.98	68.94	80.88	75.71
10.	50.09	85.91	65.37	74.90	66.76	86.26	68.23
16.	45.03	71.62	58.60	60.99	62.59	74.54	63.85
20.	42.46	66.10	58.41	62.81	58.67	87.12	57.67
25.	39.76	66.22	52.68	62.80	56.90	69.81	52.53
31.25	36.92	66.02	52.17	55.47	53.77	71.43	54.56
62.5	26.97	50.36	43.03	43.04	45.85	66.73	42.85
100.	18.99	42.66	34.68	40.67	39.75	70.48	35.69
155.	10.34	32.41	26.26	31.65	30.40	47.53	30.08
200.	4.64	30.12	20.83	28.26	27.31	43.27	24.84
250.	-0.83	32.39	16.95	23.05	19.93	32.80	19.20
300.	-5.69	26.44	13.40	24.35	15.30	23.07	13.26
350.	-10.10	17.86	7.61	27.02	11.94	33.26	9.87
400.	-14.16	14.89	2.92	12.37	7.05	20.08	6.63
450.	-17.95	10.36	-2.37	23.29	4.42	23.12	1.70
500.	-21.51	6.69	-3.77	4.94	-0.98	17.11	0.17
550.	-24.89	7.61	-9.89	3.21	-3.91	23.37	-3.66
600.	-28.11	3.89	-12.44	-1.86	-8.53	12.21	-1.85
650.	-31.19	2.25	-19.71	-4.92	-14.15	7.10	-10.16
700.	-34.16	-4.89	-21.34	1.97	-15.50	2.24	-13.18
750.	-37.01	0.85	-26.65	-2.85	-20.61	-3.20	-13.84
800.	-39.78	-5.66	-27.43	-0.96	-21.89	0.24	-16.71



PSACR - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
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Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSACR - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	58.00	80.81	85.96	81.29	81.36
4.	56.39	73.13	79.48	71.80	74.19
8.	49.78	66.78	67.54	69.25	71.37
10.	47.51	64.01	67.32	63.02	66.87
16.	42.40	56.43	63.19	57.43	61.13
20.	39.80	55.58	62.75	54.67	57.67
25.	37.08	51.66	58.02	51.78	55.36
31.25	34.21	48.99	55.71	49.88	52.36
62.5	24.18	39.39	48.62	38.47	42.95
100.	16.15	32.98	40.83	31.67	37.17
155.	7.44	25.61	33.10	24.97	30.51
200.	1.71	20.52	27.85	20.46	23.25
250.	-3.80	15.36	24.61	14.18	20.02
300.	-8.67	11.37	16.90	8.51	14.15
350.	-13.10	9.23	11.09	5.89	11.87
400.	-17.18	5.57	9.20	1.86	6.45
450.	-20.98	0.89	2.03	-4.96	0.40
500.	-24.56	-3.02	3.02	-6.43	1.93
550.	-27.95	-6.53	-5.95	-10.45	-4.22
600.	-31.18	-10.44	-5.18	-13.98	-5.03
650.	-34.27	-19.23	-10.36	-23.44	-12.69
700.	-37.24	-16.37	-9.31	-20.29	-12.84
750.	-40.11	-19.91	-15.83	-25.81	-18.24
800.	-42.88	-27.33	-15.62	-29.84	-14.26



PSACR - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSACR - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	58.00	82.26	86.55	81.81	82.30
4.	56.39	72.22	77.19	71.18	72.08
8.	49.78	69.97	67.84	67.39	70.68
10.	47.51	64.60	66.38	61.93	67.27
16.	42.40	56.35	61.64	56.34	58.97
20.	39.80	56.42	57.81	53.54	56.49
25.	37.08	51.96	56.14	48.93	52.06
31.25	34.21	50.19	53.43	48.53	51.92
62.5	24.18	39.70	44.63	38.94	39.92
100.	16.15	33.44	38.27	31.34	34.49
155.	7.44	24.80	28.81	23.52	27.71
200.	1.71	20.28	25.87	18.61	23.13
250.	-3.80	16.40	20.50	13.49	17.55
300.	-8.67	14.07	15.67	8.64	12.52
350.	-13.10	7.84	12.01	4.28	9.77
400.	-17.18	3.60	7.73	-0.03	5.45
450.	-20.98	-0.96	4.48	-4.84	1.64
500.	-24.56	-2.80	0.37	-7.07	-1.15
550.	-27.95	-8.24	-2.05	-12.01	-4.48
600.	-31.18	-11.48	-6.58	-14.34	-4.95
650.	-34.27	-16.65	-10.84	-21.52	-11.36
700.	-37.24	-19.24	-13.20	-23.33	-13.43
750.	-40.11	-23.27	-16.45	-27.98	-14.51
800.	-42.88	-25.19	-18.28	-29.10	-16.91



FEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	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.	-93.68	-85.74	-96.18	-99.28	-96.86	-90.31	-86.44	-93.96	-90.58	-90.56	-93.72	-89.10
4.	-89.63	-74.29	-99.07	-88.71	-86.65	-85.07	-73.43	-89.16	-81.01	-95.72	-84.81	-81.45
8.	-88.35	-69.33	-93.85	-83.59	-90.86	-81.10	-68.04	-88.06	-79.91	-103.06	-81.06	-80.32
10.	-84.57	-67.77	-86.18	-84.39	-94.66	-77.67	-67.25	-85.86	-78.92	-92.05	-79.70	-79.85
16.	-84.62	-67.98	-84.70	-84.43	-85.65	-75.81	-66.72	-91.23	-79.38	-84.75	-76.01	-82.37
20.	-83.97	-68.90	-84.76	-85.47	-83.17	-75.34	-67.00	-84.71	-73.52	-81.08	-75.21	-77.36
25.	-79.09	-69.30	-85.30	-85.31	-79.32	-74.63	-68.06	-79.56	-69.52	-81.88	-74.25	-71.86
31.25	-79.54	-72.04	-80.66	-79.24	-77.71	-73.42	-70.88	-82.86	-66.63	-79.44	-73.53	-67.78
62.5	-69.36	-62.17	-77.68	-69.37	-73.28	-74.19	-60.58	-71.95	-67.20	-77.05	-73.62	-67.33
100.	-67.83	-76.40	-76.42	-67.54	-74.84	-77.50	-80.20	-73.72	-72.33	-76.09	-77.96	-71.85
155.	-69.48	-62.05	-68.32	-66.17	-70.97	-79.68	-60.62	-72.44	-70.94	-69.05	-83.81	-73.46
200.	-75.31	-64.04	-69.44	-81.55	-78.46	-74.09	-62.64	-74.09	-70.78	-69.26	-74.90	-69.89
250.	-72.81	-71.59	-74.03	-71.22	-77.62	-73.31	-73.52	-81.31	-98.58	-75.27	-77.73	-73.72
300.	-75.78	-72.34	-68.49	-75.39	-79.41	-80.04	-67.46	-95.29	-82.62	-69.62	-84.08	-75.54
350.	-75.06	-65.42	-79.88	-72.55	-78.64	-79.73	-64.49	-72.43	-73.48	-81.98	-78.89	-72.22
400.	-78.60	-70.44	-84.79	-75.11	-83.05	-75.13	-70.11	-99.03	-87.64	-83.79	-74.93	-82.92
450.	-87.53	-82.89	-79.10	-87.25	-77.77	-73.39	-72.89	-85.23	-78.06	-76.93	-73.77	-81.61
500.	-83.61	-67.49	-74.09	-92.30	-72.86	-79.15	-68.12	-72.35	-72.44	-76.74	-77.23	-77.77
550.	-79.60	-73.46	-80.19	-75.56	-81.66	-93.62	-69.96	-90.37	-75.01	-78.67	-95.47	-79.03
600.	-78.95	-76.37	-81.68	-79.03	-76.22	-85.54	-74.24	-74.07	-81.28	-79.33	-84.90	-76.81
650.	-87.43	-70.38	-77.64	-79.64	-78.96	-82.77	-71.65	-81.43	-78.31	-79.44	-90.95	-82.02
700.	-81.64	-70.12	-97.32	-84.46	-86.05	-89.50	-70.80	-82.06	-78.81	-88.39	-82.08	-75.30
750.	-81.61	-85.00	-79.53	-83.50	-80.25	-87.14	-82.09	-75.07	-88.38	-77.18	-89.00	-78.91
800.	-82.13	-77.59	-85.81	-84.78	-78.72	-90.28	-71.23	-83.67	-91.05	-83.28	-95.53	-79.85



ACRF (ELFEXT) - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	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.	-63.26	-91.90	-84.61	-94.34	-97.46	-95.73	-88.48	-84.62	-92.18	-88.75	-88.73	-91.94	-87.96
4.	-51.22	-86.15	-71.36	-95.54	-85.21	-83.72	-81.53	-69.93	-85.68	-77.47	-92.21	-81.33	-78.52
8.	-45.20	-83.45	-64.89	-88.87	-78.66	-86.42	-76.12	-63.12	-83.16	-74.93	-98.13	-76.16	-75.88
10.	-43.26	-79.08	-62.71	-80.61	-78.88	-89.61	-72.10	-61.75	-80.38	-73.35	-86.55	-74.22	-74.80
16.	-39.17	-77.69	-61.42	-77.67	-77.47	-79.08	-68.78	-59.76	-84.31	-72.35	-77.78	-69.09	-75.80
20.	-37.24	-76.21	-61.46	-76.88	-77.66	-75.73	-67.46	-59.19	-76.95	-65.64	-73.26	-67.46	-69.91
25.	-35.30	-70.41	-60.88	-76.49	-76.57	-70.90	-65.82	-59.32	-70.88	-60.71	-73.14	-65.58	-63.44
31.25	-33.36	-69.82	-62.49	-70.80	-69.46	-68.16	-63.55	-61.10	-73.15	-56.77	-69.66	-63.82	-58.24
62.5	-27.34	-55.59	-48.37	-63.70	-55.50	-59.48	-60.21	-46.71	-58.19	-53.23	-63.17	-59.86	-53.53
100.	-23.26	-50.32	-58.54	-58.66	-49.86	-56.98	-59.74	-62.52	-56.21	-54.57	-58.42	-60.45	-53.99
155.	-19.45	-47.47	-39.34	-46.06	-43.85	-48.26	-57.42	-38.31	-50.43	-48.68	-46.73	-61.80	-50.74
200.	-17.24	-49.98	-38.18	-43.86	-56.17	-52.61	-48.50	-37.26	-48.75	-45.20	-43.89	-49.57	-44.04
250.	-15.30	-44.59	-42.35	-45.51	-42.50	-48.39	-44.80	-44.80	-53.08	-70.06	-46.55	-49.51	-44.48
300.	-13.71	-44.69	-39.87	-36.95	-44.14	-46.94	-48.50	-36.20	-64.19	-51.08	-38.37	-52.99	-43.07
350.	-12.38	-41.43	-30.40	-45.94	-38.34	-43.63	-45.79	-30.27	-38.80	-39.53	-47.77	-45.26	-37.21
400.	-11.22	-42.22	-32.36	-47.93	-38.50	-44.96	-38.28	-33.51	-62.66	-50.78	-47.19	-38.55	-44.84
450.	-10.19	-48.48	-42.33	-40.13	-48.33	-37.21	-34.42	-33.98	-46.18	-39.09	-38.01	-34.72	-41.04
500.	-9.28	-42.84	-24.48	-32.54	-51.35	-29.86	-37.60	-27.17	-31.58	-30.90	-35.79	-36.46	-34.76
550.	-8.45	-36.47	-28.32	-36.66	-32.24	-36.52	-50.08	-26.64	-47.24	-31.47	-35.36	-52.35	-33.89
600.	-7.69	-33.77	-28.83	-36.36	-33.36	-28.68	-40.22	-28.57	-28.89	-35.96	-33.66	-39.72	-29.27
650.	-7.00	-40.07	-19.67	-30.00	-32.03	-28.25	-35.13	-24.04	-34.07	-30.68	-31.83	-43.59	-31.31
700.	-6.35	-32.44	-17.51	-48.16	-34.58	-33.43	-40.34	-20.92	-32.86	-29.65	-38.51	-32.88	-22.69
750.	-5.76	-30.46	-30.20	-27.36	-31.76	-25.46	-34.97	-30.36	-23.92	-36.22	-25.44	-37.85	-24.12
800.	-5.20	-29.03	-20.87	-32.34	-30.09	-22.00	-36.80	-16.55	-30.57	-37.57	-28.60	-42.44	-23.13



PSFEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSFEXT - Near End (dB)				
Freq (MHz)	45	12	36	78
1.	-84.77	-89.02	-84.51	-85.96
4.	-74.15	-81.79	-72.63	-79.69
8.	-69.26	-78.87	-67.73	-77.65
10.	-67.62	-76.76	-66.91	-76.63
16.	-67.80	-74.87	-66.48	-74.66
20.	-68.66	-74.32	-66.07	-72.49
25.	-68.76	-73.09	-65.54	-69.61
31.25	-70.84	-71.27	-65.17	-66.51
62.5	-61.31	-66.98	-59.47	-66.06
100.	-66.75	-66.44	-69.55	-69.73
155.	-60.54	-64.77	-59.98	-67.59
200.	-62.69	-72.18	-61.76	-65.96
250.	-67.91	-68.55	-72.83	-70.49
300.	-66.44	-72.98	-67.31	-68.50
350.	-64.83	-70.98	-63.39	-71.01
400.	-69.69	-71.77	-70.03	-73.83
450.	-77.16	-71.91	-71.55	-71.60
500.	-66.54	-71.89	-65.69	-72.45
550.	-71.79	-74.45	-68.72	-75.76
600.	-73.68	-74.06	-70.72	-74.39
650.	-69.54	-75.10	-70.41	-77.29
700.	-69.81	-81.28	-69.89	-74.30
750.	-76.73	-77.97	-74.10	-74.77
800.	-75.82	-77.53	-70.95	-78.14



PSACRF (PSELFEXT) - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSACRF (PSELFEXT) - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-60.26	-82.95	-87.24	-83.37	-84.13
4.	-48.22	-70.64	-78.31	-69.70	-76.15
8.	-42.20	-64.33	-73.97	-63.28	-72.67
10.	-40.26	-62.11	-71.28	-61.86	-71.07
16.	-36.17	-60.83	-67.94	-59.91	-67.63
20.	-34.24	-60.85	-66.56	-58.63	-64.61
25.	-32.30	-60.02	-64.41	-57.12	-60.80
31.25	-30.36	-61.06	-61.56	-55.63	-56.65
62.5	-24.34	-47.44	-53.21	-45.67	-52.08
100.	-20.26	-49.08	-48.94	-51.69	-51.96
155.	-16.45	-38.22	-42.77	-37.27	-45.33
200.	-14.24	-37.32	-46.85	-35.90	-40.38
250.	-12.30	-39.19	-40.33	-43.59	-41.97
300.	-10.71	-35.18	-41.88	-34.84	-36.96
350.	-9.38	-30.62	-37.34	-28.37	-37.07
400.	-8.22	-33.08	-35.39	-31.94	-36.97
450.	-7.19	-38.25	-32.85	-30.98	-32.63
500.	-6.28	-25.59	-31.12	-22.69	-30.90
550.	-5.45	-28.47	-31.32	-23.58	-32.23
600.	-4.69	-28.01	-28.89	-23.18	-29.07
650.	-4.00	-21.93	-27.74	-19.70	-29.66
700.	-3.35	-19.92	-32.08	-17.28	-25.14
750.	-2.76	-24.99	-26.82	-19.31	-22.60
800.	-2.20	-21.13	-24.43	-14.23	-24.67



Return Loss - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

Return Loss - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.		-31.32	-30.98	-35.89	-31.73
4.	-19.00	-31.73	-33.82	-29.93	-34.29
8.	-19.00	-37.84	-36.10	-25.01	-70.35
10.	-19.00	-41.19	-29.64	-25.38	-39.73
16.	-17.98	-39.30	-47.57	-30.71	-55.01
20.	-17.49	-47.55	-34.06	-49.33	-39.13
25.	-17.01	-37.90	-34.39	-41.37	-35.94
31.25	-16.53	-51.86	-32.37	-30.84	-39.68
62.5	-14.04	-35.37	-33.22	-31.84	-31.96
100.	-12.00	-35.58	-38.61	-41.84	-31.96
155.	-10.10	-23.18	-35.83	-22.29	-30.80
200.	-8.99	-49.51	-42.40	-19.96	-54.60
250.	-8.02	-30.24	-31.21	-24.53	-23.27
300.	-7.23	-26.89	-19.74	-16.98	-22.71
350.	-6.56	-22.77	-35.30	-32.26	-26.02
400.	-6.00	-19.66	-18.16	-17.85	-14.10
450.	-6.00	-21.19	-17.66	-21.59	-20.31
500.	-6.00	-18.09	-22.11	-23.30	-12.66
550.	-6.00	-16.01	-13.09	-14.42	-13.22
600.	-6.00	-13.64	-15.93	-24.34	-12.62
650.	-6.00	-13.18	-13.68	-9.34	-9.63
700.	-6.00	-13.82	-12.48	-24.15	-13.33
750.	-6.00	-10.65	-14.45	-9.58	-8.68
800.	-6.00	-14.18	-12.85	-15.79	-10.07



Return Loss - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

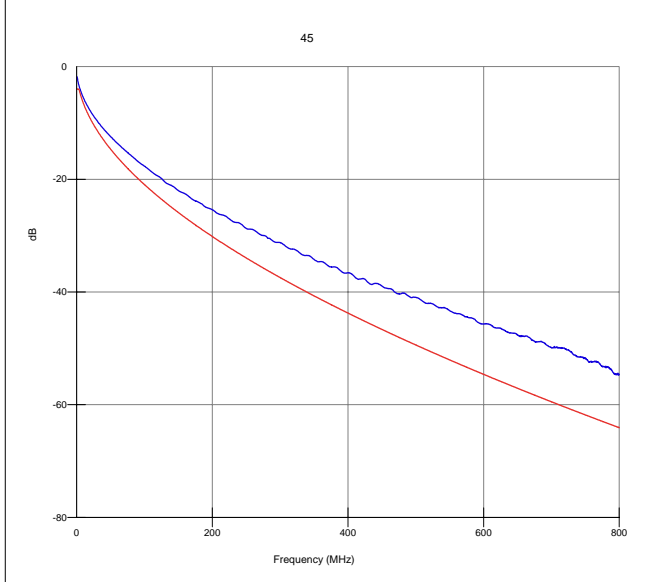
Return Loss - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.		-31.39	-30.97	-36.58	-32.07
4.	-19.00	-33.83	-42.86	-31.56	-39.65
8.	-19.00	-42.99	-32.78	-24.90	-39.89
10.	-19.00	-76.51	-28.18	-24.57	-35.69
16.	-17.98	-43.39	-66.92	-28.95	-84.92
20.	-17.49	-42.93	-35.61	-38.63	-48.81
25.	-17.01	-46.76	-32.83	-45.06	-37.07
31.25	-16.53	-42.72	-30.07	-31.58	-38.69
62.5	-14.04	-43.07	-38.66	-55.80	-33.44
100.	-12.00	-43.67	-43.84	-31.41	-54.66
155.	-10.10	-29.12	-71.50	-30.35	-34.37
200.	-8.99	-33.45	-36.82	-21.04	-32.59
250.	-8.02	-36.38	-25.72	-35.15	-23.22
300.	-7.23	-17.89	-27.23	-23.09	-29.21
350.	-6.56	-27.59	-35.15	-24.60	-22.19
400.	-6.00	-16.62	-19.79	-29.05	-21.81
450.	-6.00	-26.21	-21.72	-14.38	-27.21
500.	-6.00	-14.80	-16.40	-27.27	-15.76
550.	-6.00	-21.48	-12.99	-13.57	-22.31
600.	-6.00	-12.38	-17.40	-15.78	-15.04
650.	-6.00	-14.58	-11.53	-15.49	-15.86
700.	-6.00	-10.34	-15.35	-10.22	-13.22
750.	-6.00	-13.34	-11.26	-25.48	-11.61
800.	-6.00	-8.40	-9.65	-8.25	-13.62



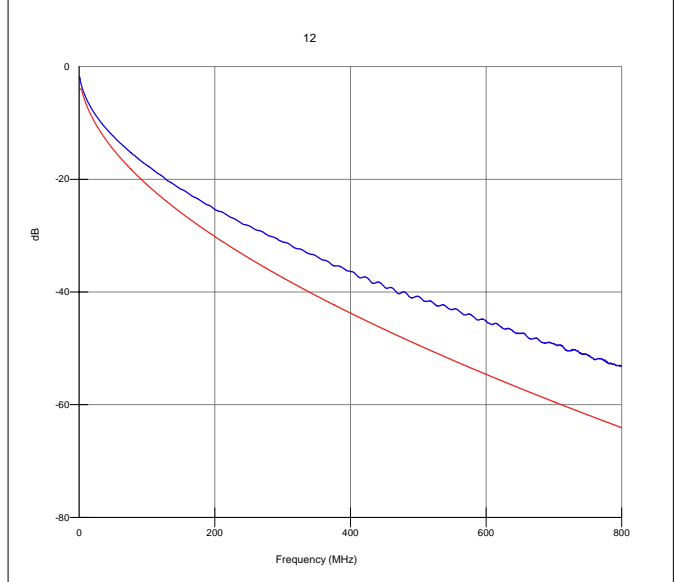
Insertion Loss

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

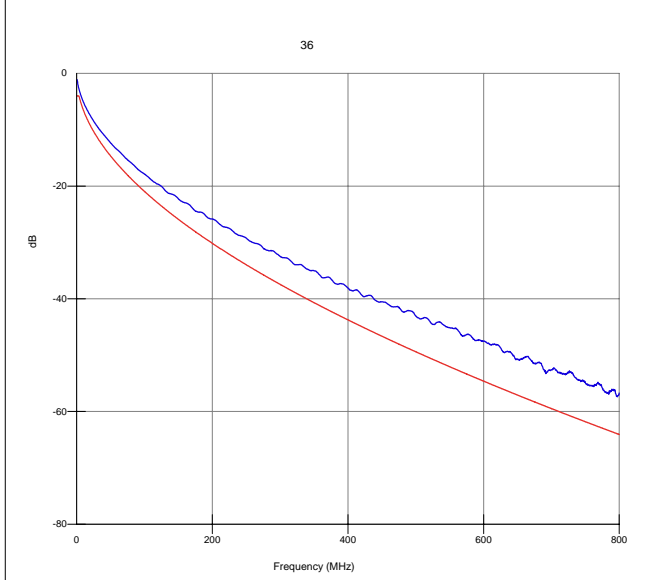
Limit Margin : 0.654 dB @ 3.996 MHz



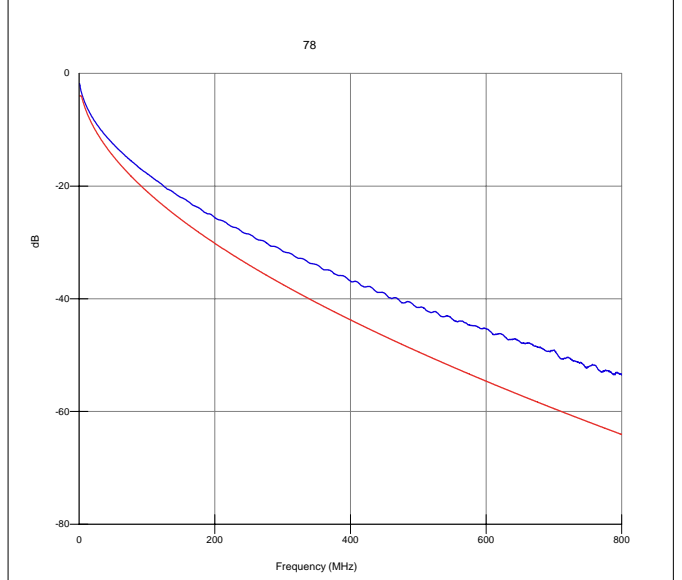
Limit Margin : 0.679 dB @ 3.996 MHz



Limit Margin : 1.232 dB @ 3.996 MHz



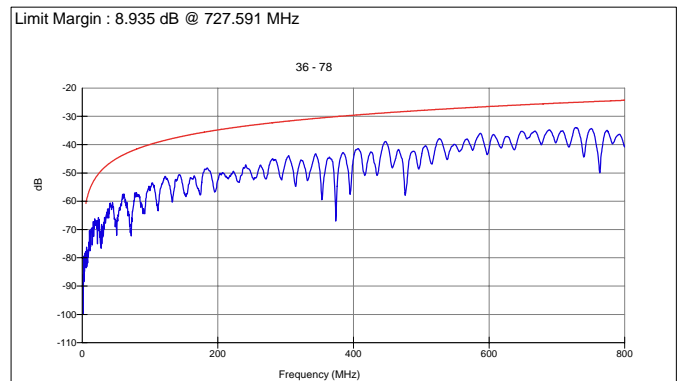
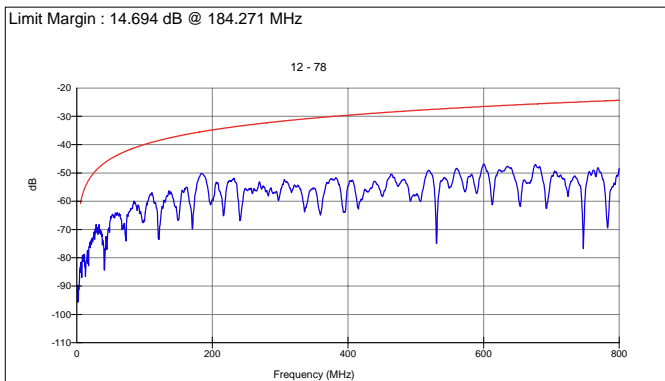
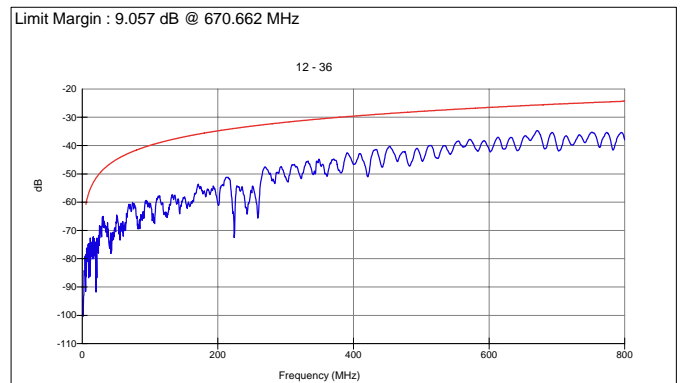
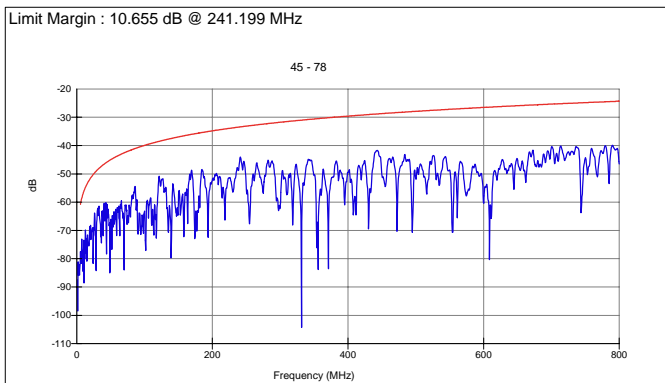
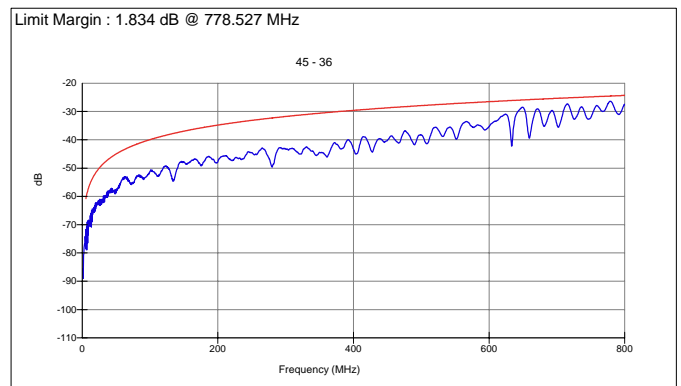
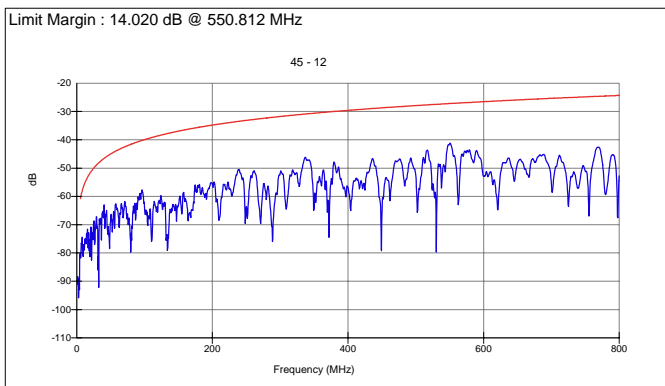
Limit Margin : 0.624 dB @ 3.996 MHz





NEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

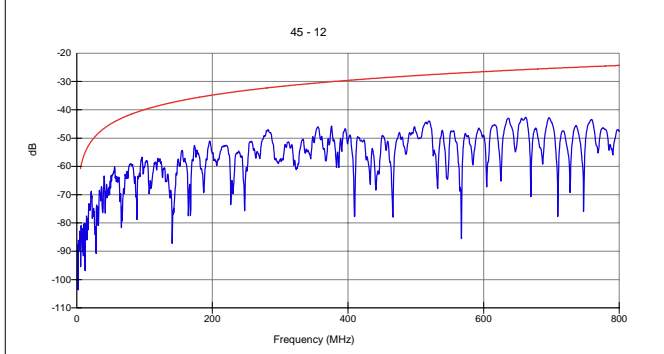




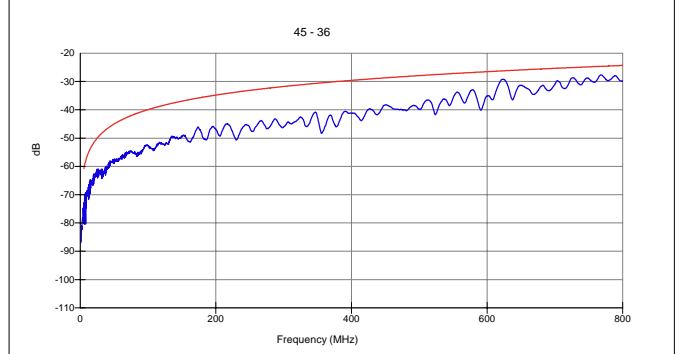
NEXT - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

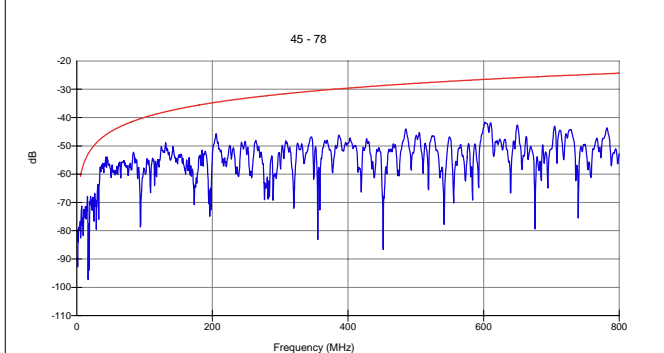
Limit Margin : 14.724 dB @ 282.148 MHz



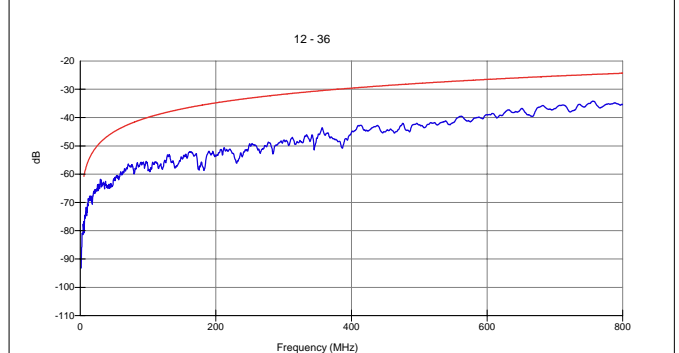
Limit Margin : 2.938 dB @ 622.722 MHz



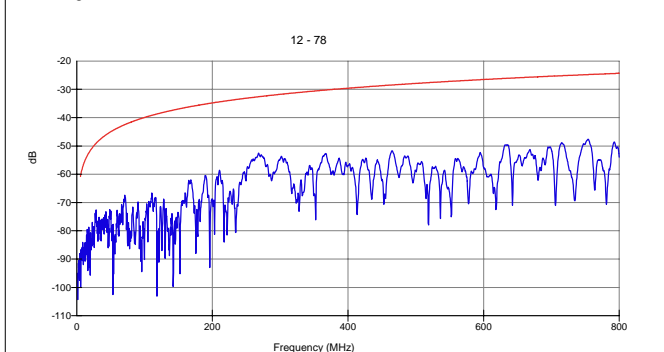
Limit Margin : 7.828 dB @ 42.948 MHz



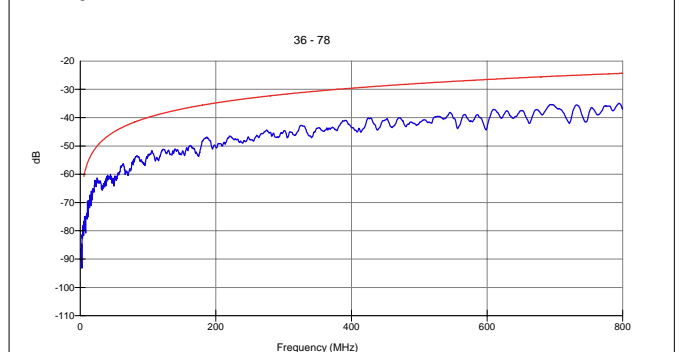
Limit Margin : 9.435 dB @ 756.055 MHz



Limit Margin : 19.966 dB @ 268.166 MHz



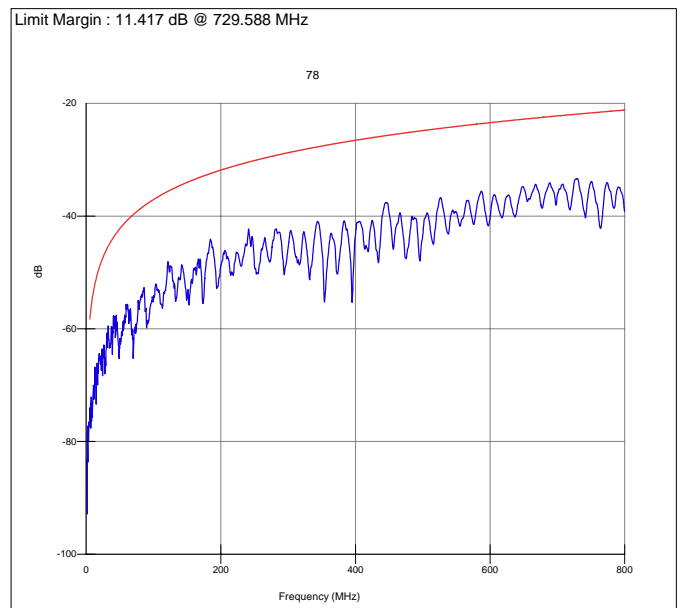
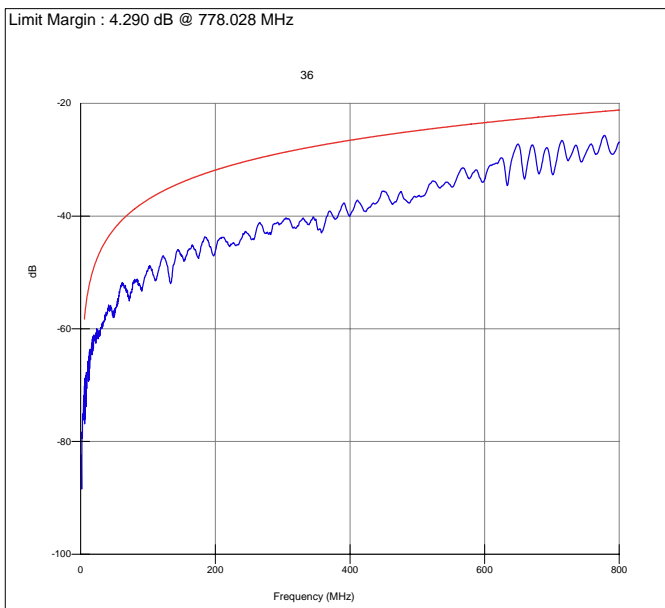
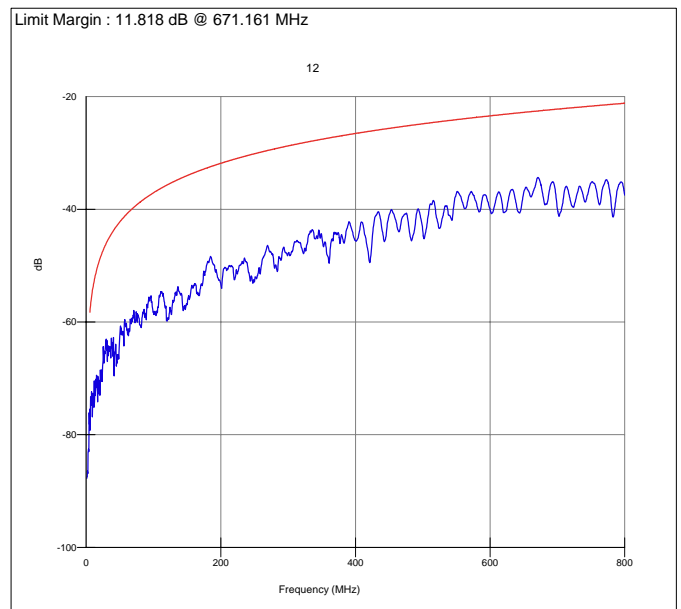
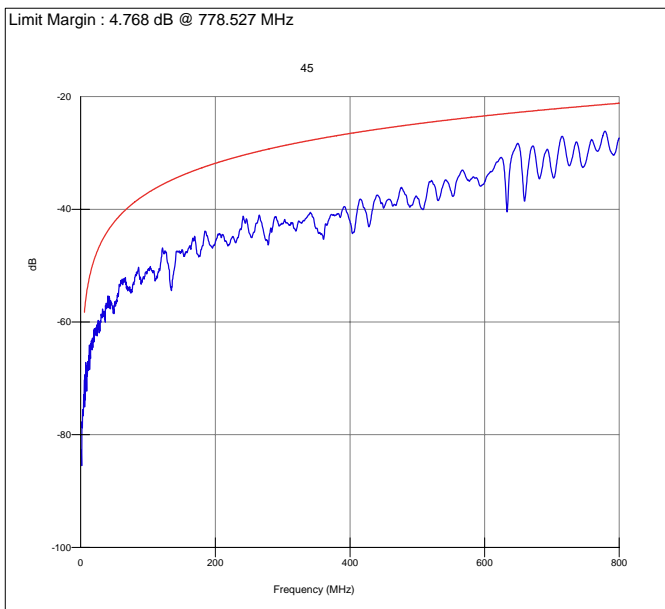
Limit Margin : 9.955 dB @ 693.134 MHz





PSNEXT - Near End

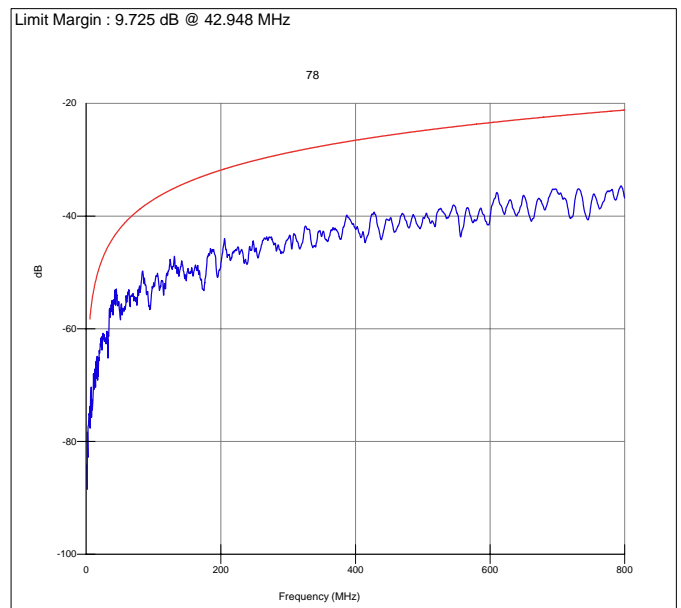
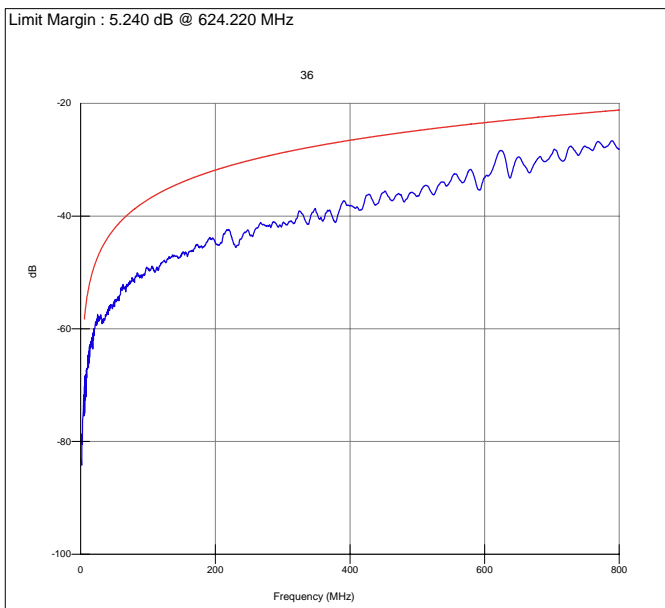
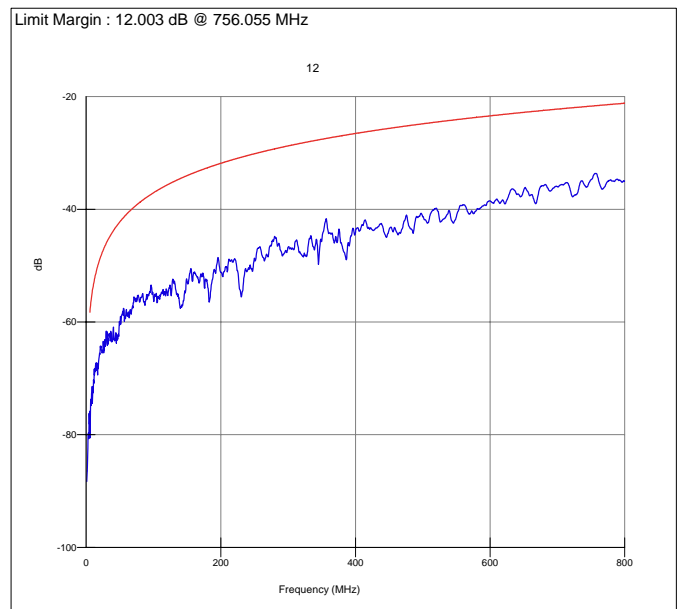
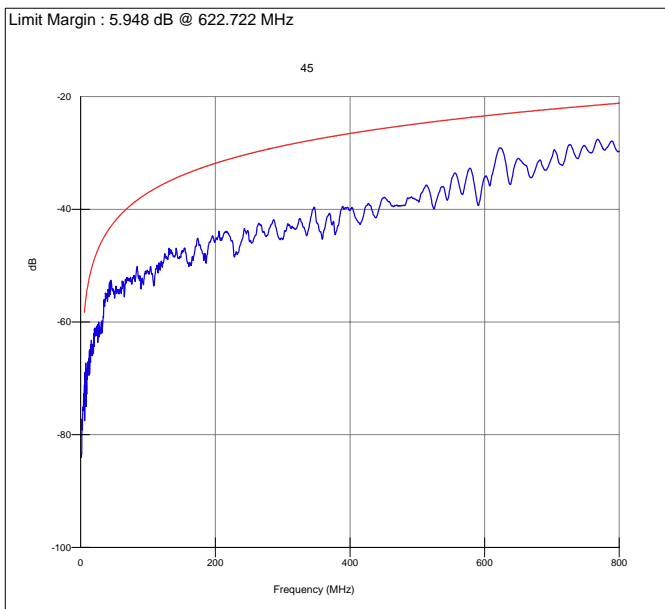
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





PSNEXT - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

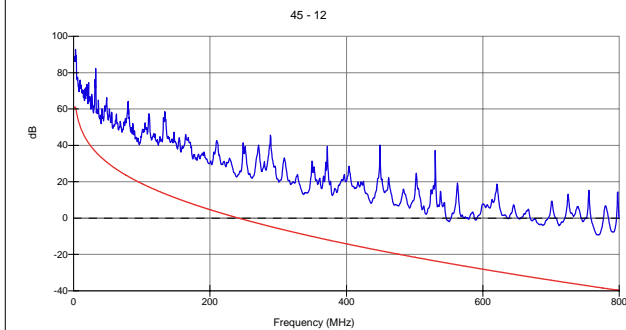




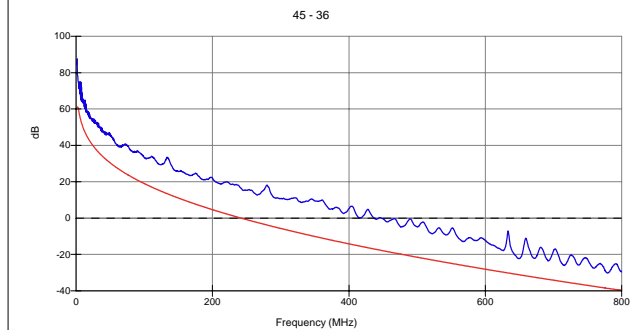
ACR - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

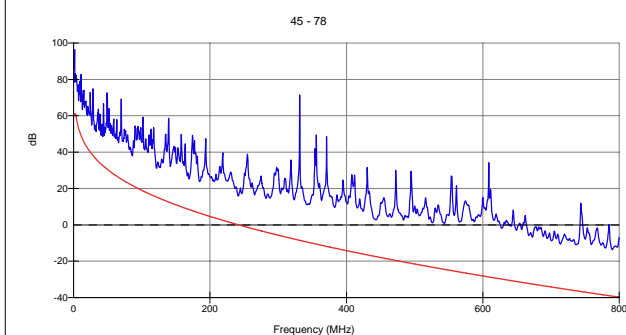
Limit Margin : 17.144 dB @ 7.991 MHz



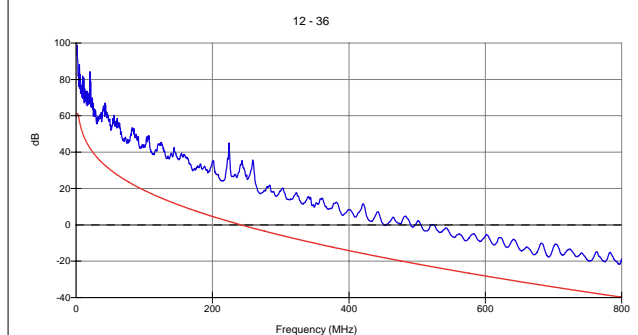
Limit Margin : 8.425 dB @ 778.527 MHz



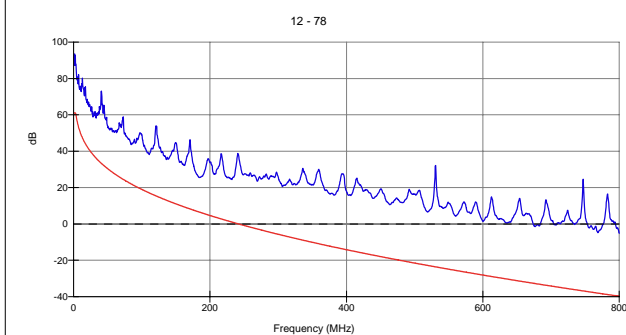
Limit Margin : 15.115 dB @ 32.960 MHz



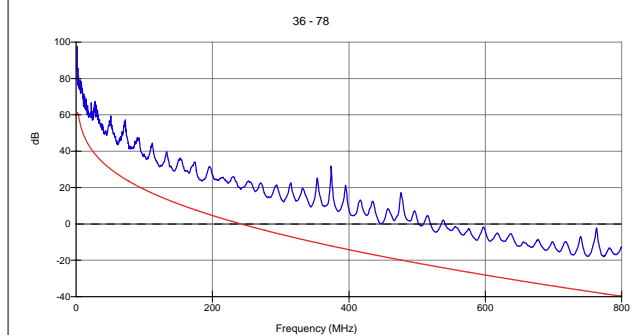
Limit Margin : 15.879 dB @ 692.135 MHz



Limit Margin : 18.949 dB @ 184.271 MHz



Limit Margin : 15.252 dB @ 2.998 MHz

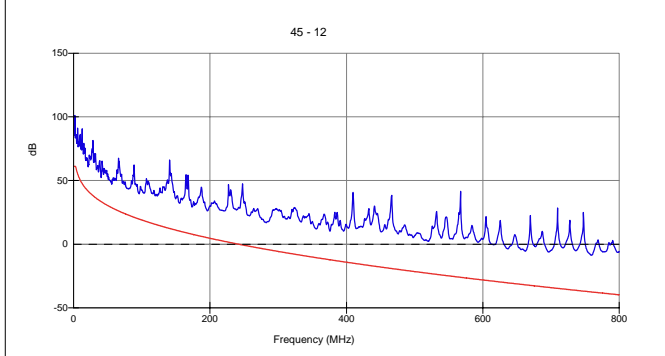




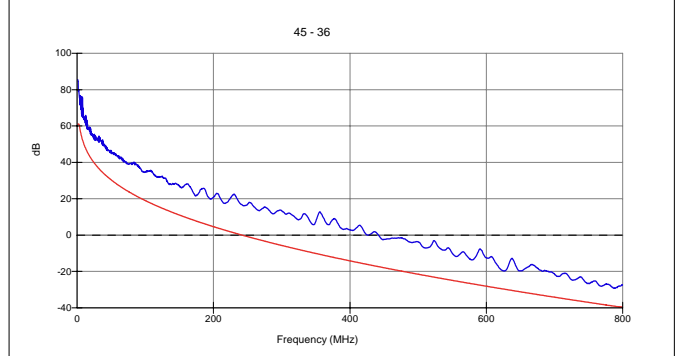
ACR - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

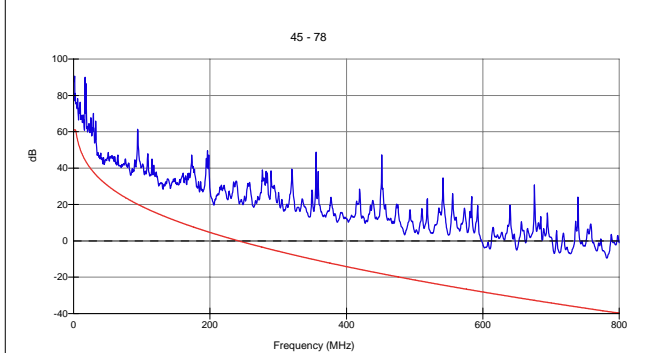
Limit Margin : 18.401 dB @ 55.931 MHz



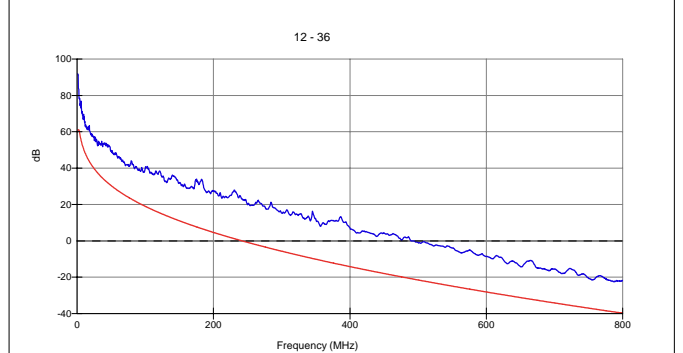
Limit Margin : 9.808 dB @ 788.015 MHz



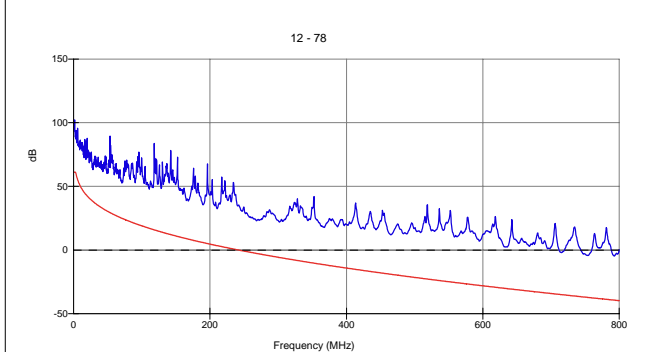
Limit Margin : 9.794 dB @ 42.948 MHz



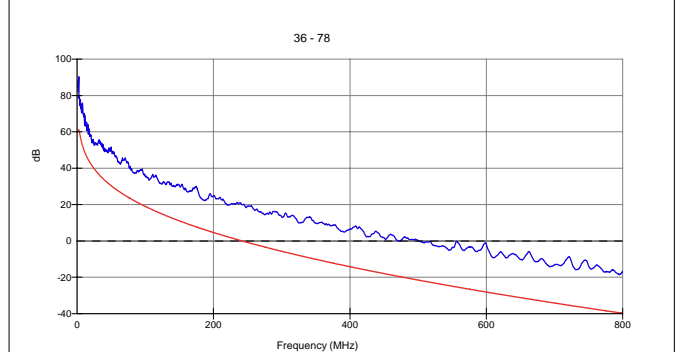
Limit Margin : 14.749 dB @ 11.986 MHz



Limit Margin : 25.061 dB @ 28.466 MHz



Limit Margin : 12.584 dB @ 21.974 MHz

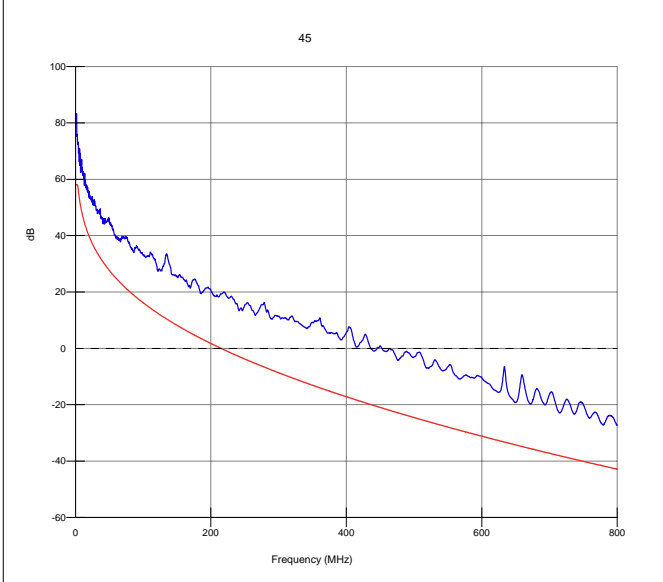




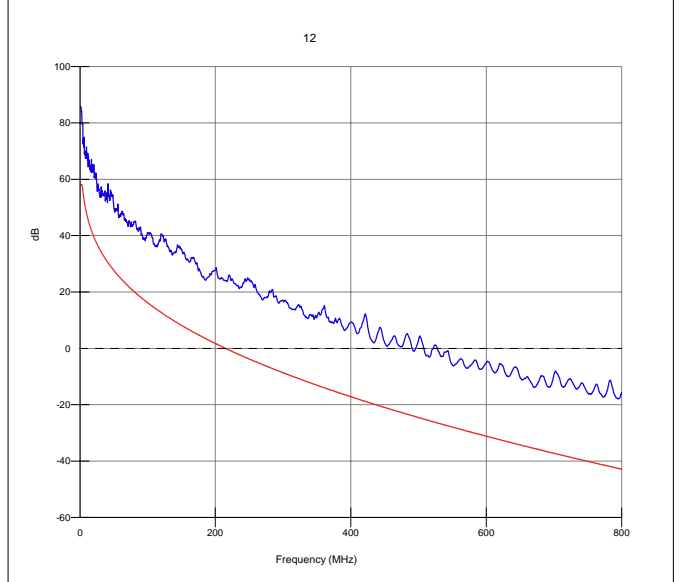
PSACR - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

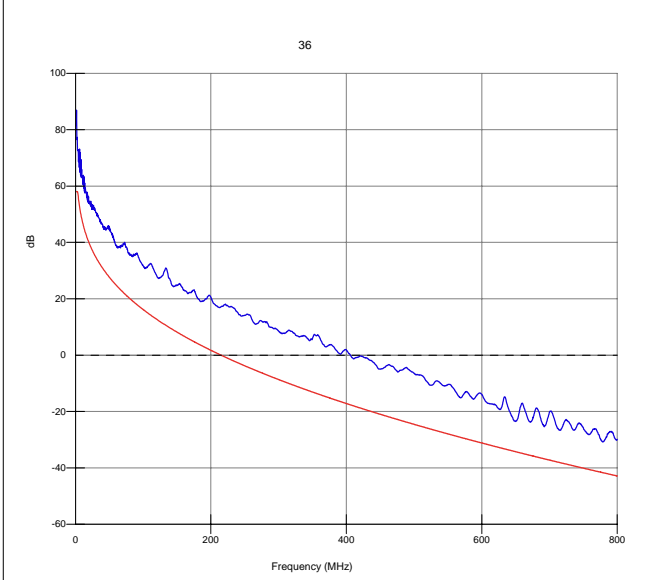
Limit Margin : 11.962 dB @ 7.492 MHz



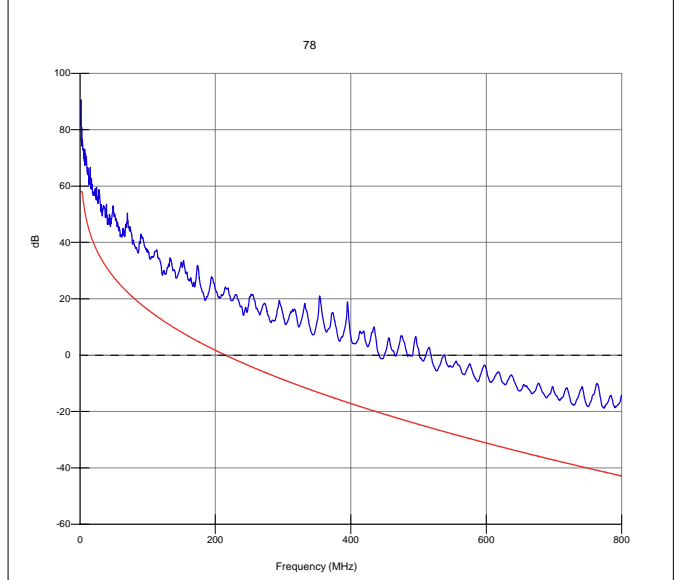
Limit Margin : 17.024 dB @ 6.493 MHz



Limit Margin : 10.723 dB @ 649.189 MHz



Limit Margin : 15.746 dB @ 12.985 MHz

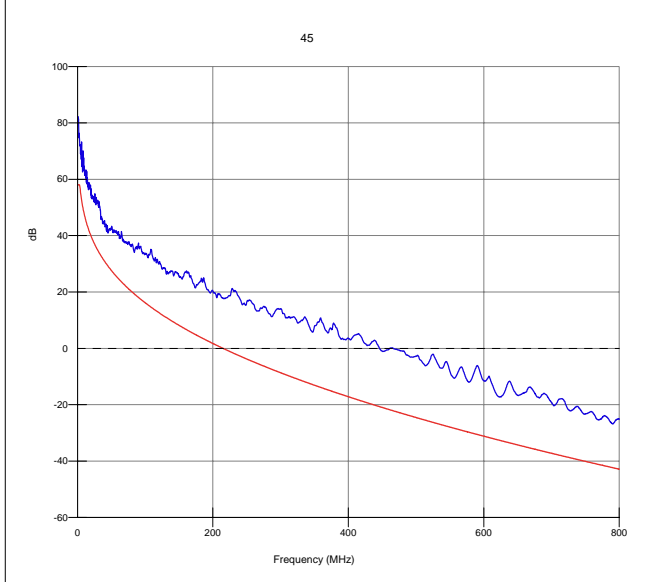




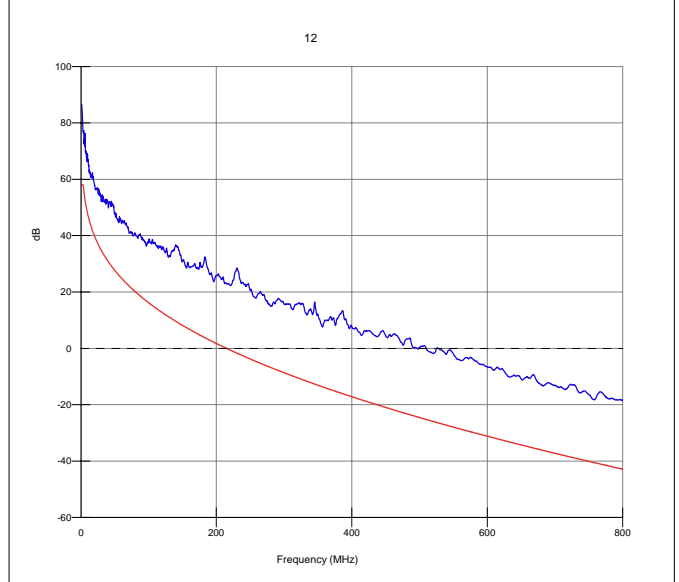
PSACR - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

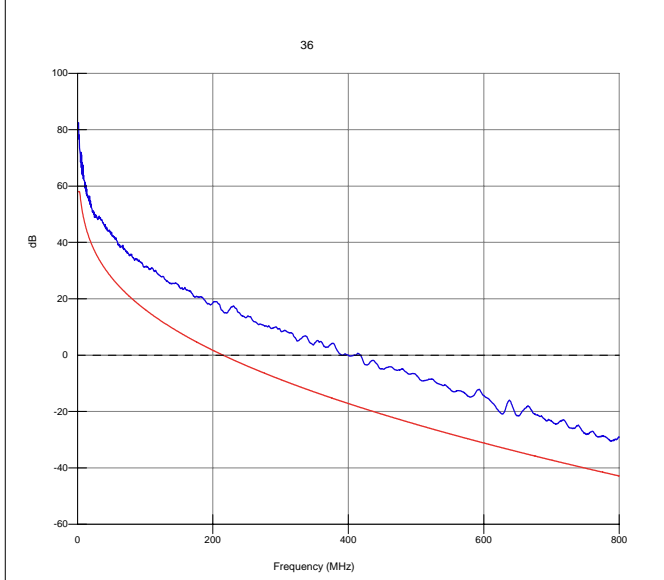
Limit Margin : 11.584 dB @ 42.948 MHz



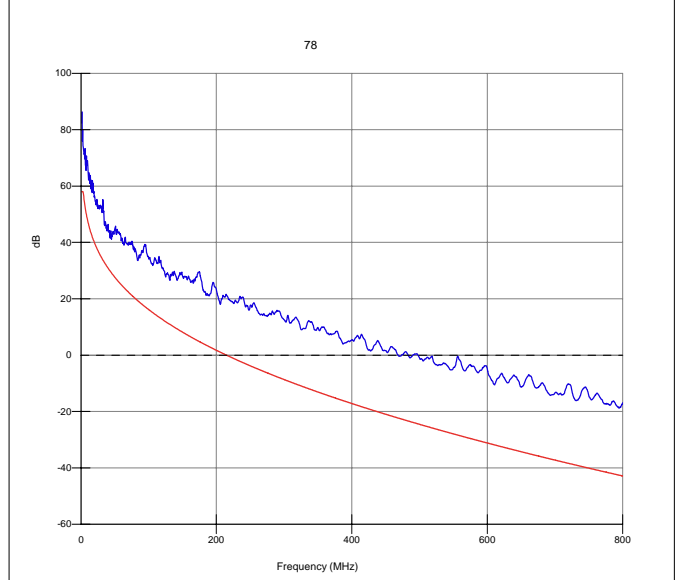
Limit Margin : 16.768 dB @ 11.986 MHz



Limit Margin : 11.668 dB @ 788.015 MHz



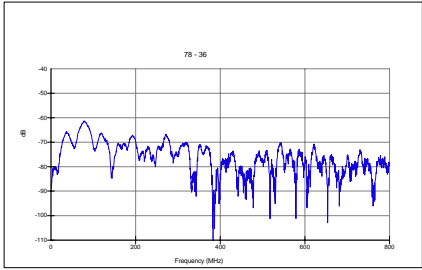
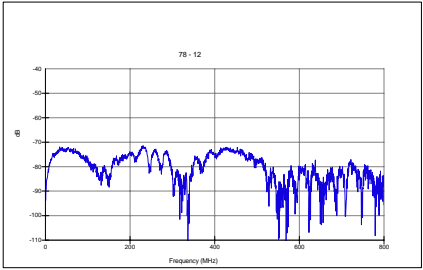
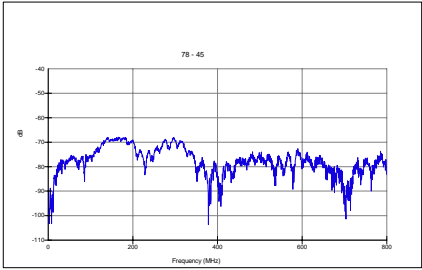
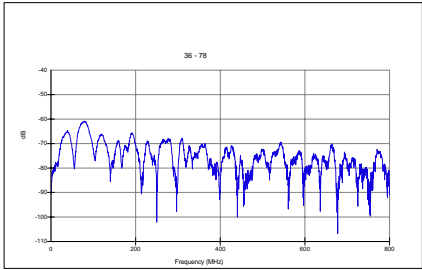
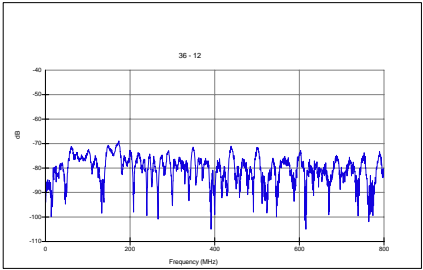
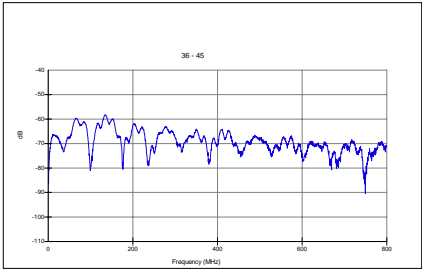
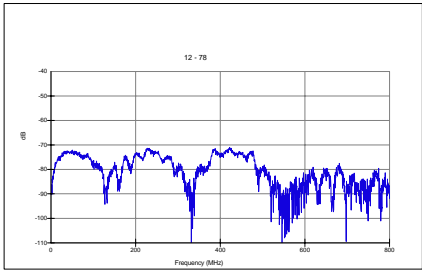
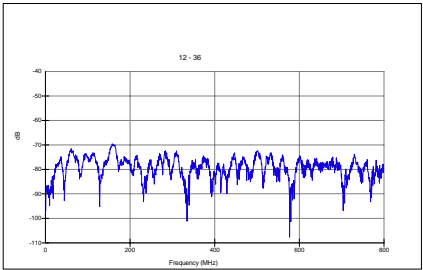
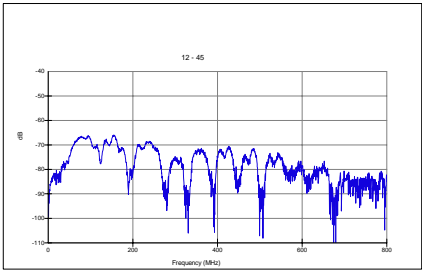
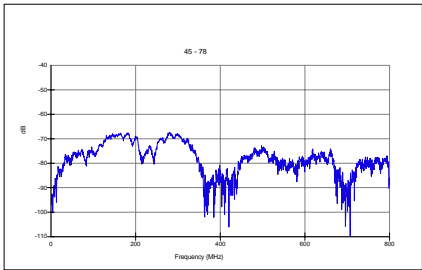
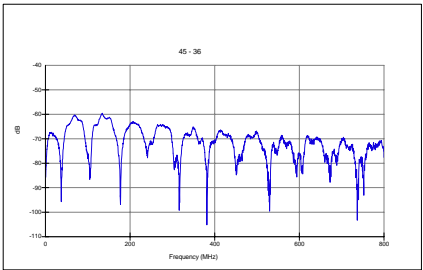
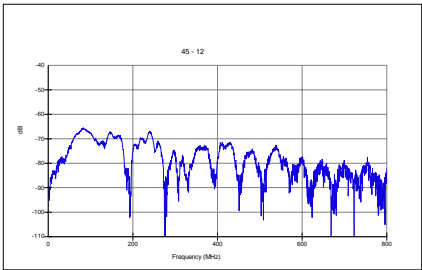
Limit Margin : 11.691 dB @ 42.948 MHz





FEXT - Near End

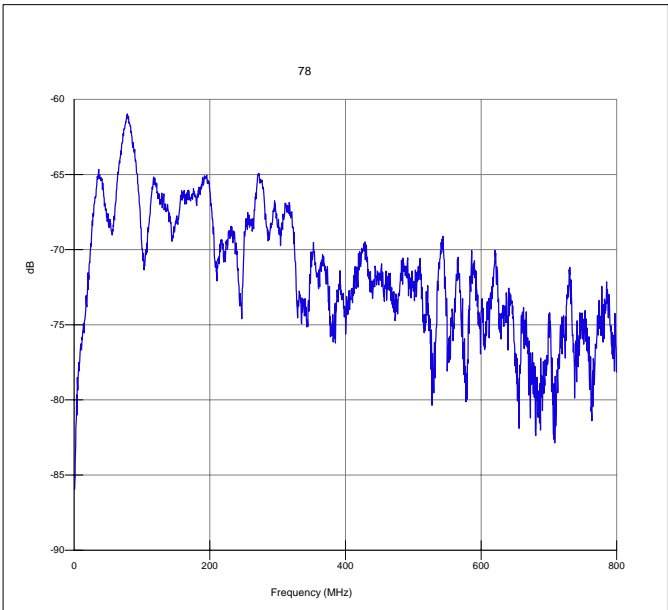
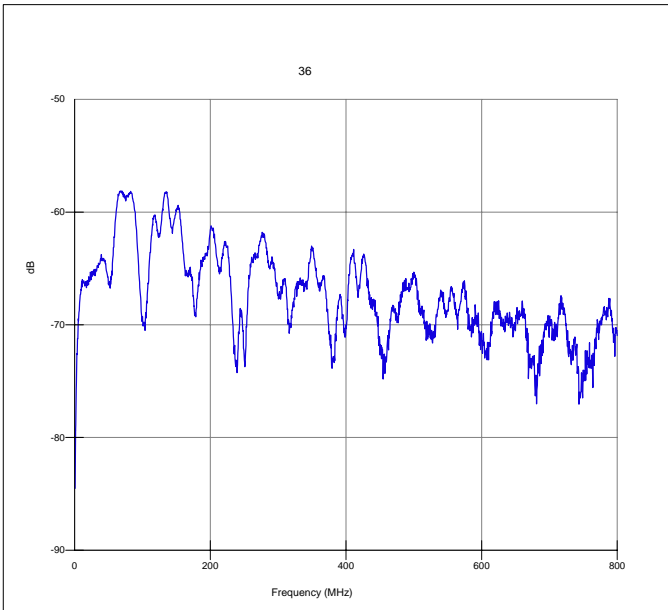
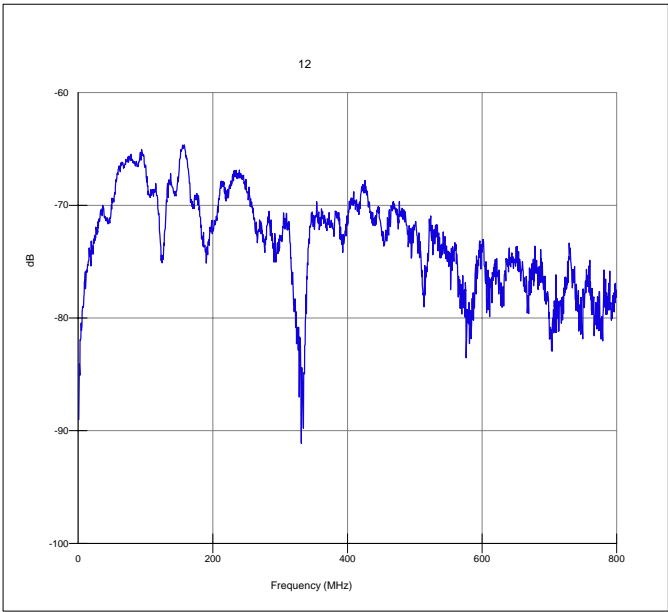
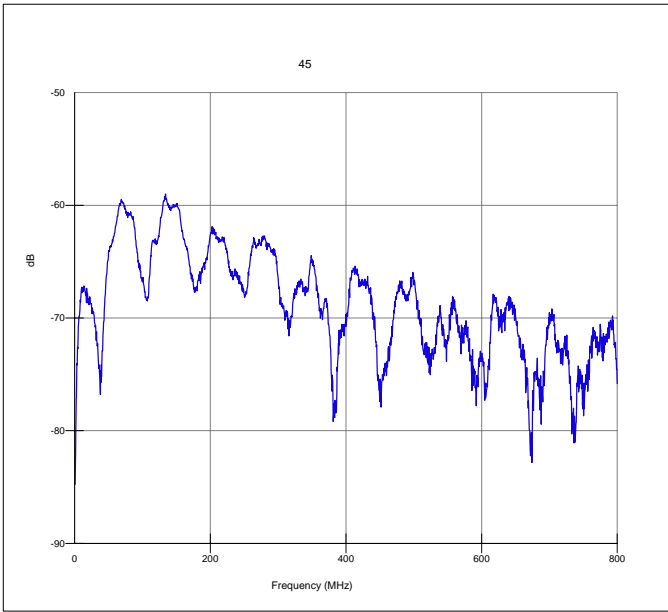
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





PSFEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

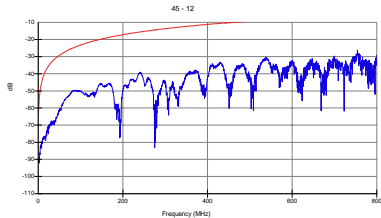




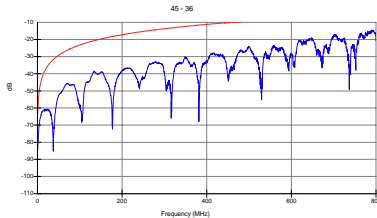
ACRF (ELFEXT) - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

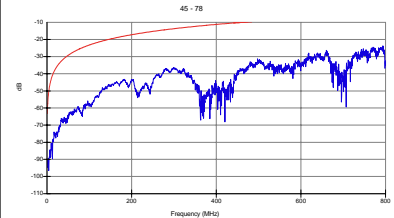
Limit Margin : 23.390 dB @ 241.199 MHz



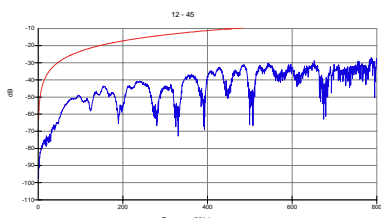
Limit Margin : 10.707 dB @ 703.621 MHz



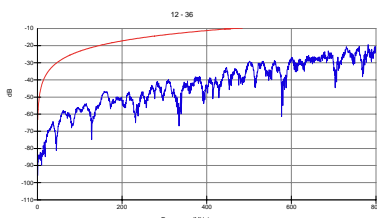
Limit Margin : 22.630 dB @ 299.127 MHz



Limit Margin : 24.160 dB @ 155.307 MHz



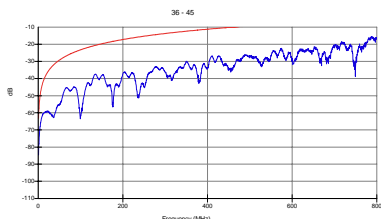
Limit Margin : 27.385 dB @ 157.804 MHz



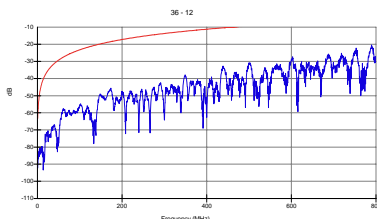
Limit Margin : 17.718 dB @ 541.823 MHz



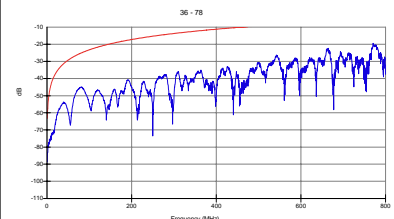
Limit Margin : 10.089 dB @ 787.516 MHz



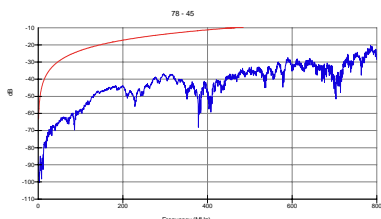
Limit Margin : 27.120 dB @ 173.784 MHz



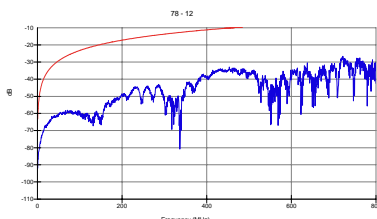
Limit Margin : 17.718 dB @ 541.823 MHz



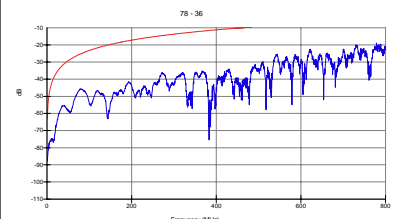
Limit Margin : 23.040 dB @ 295.631 MHz



Limit Margin : 20.294 dB @ 78.903 MHz



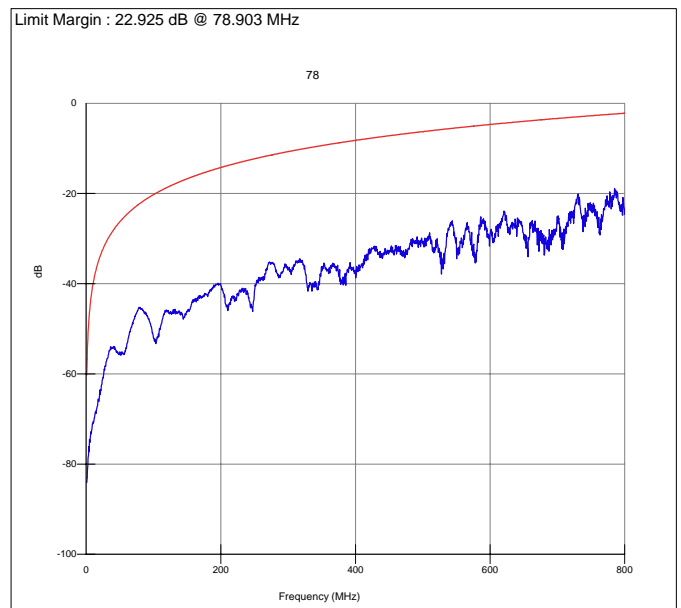
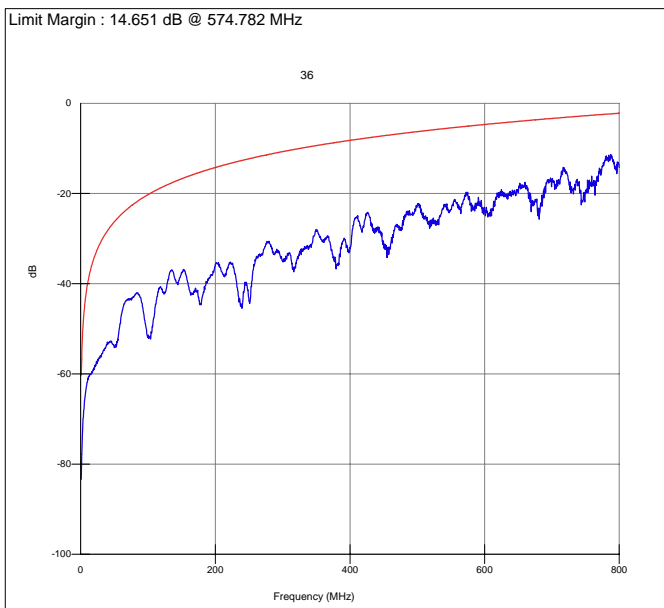
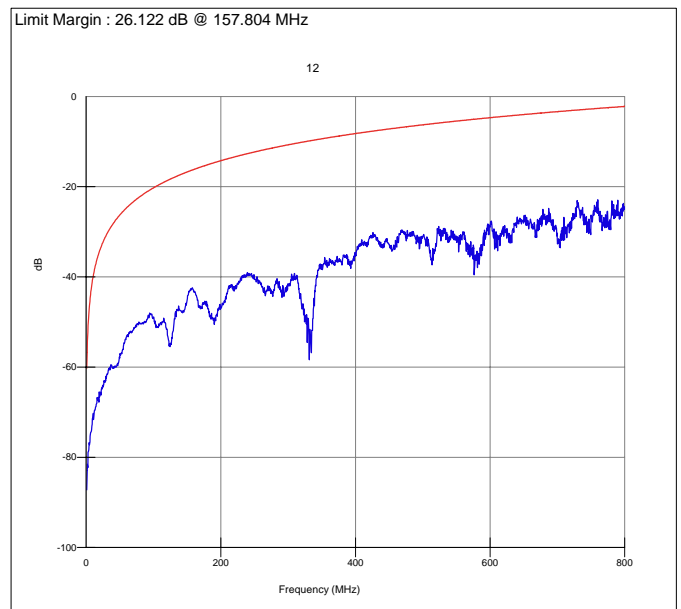
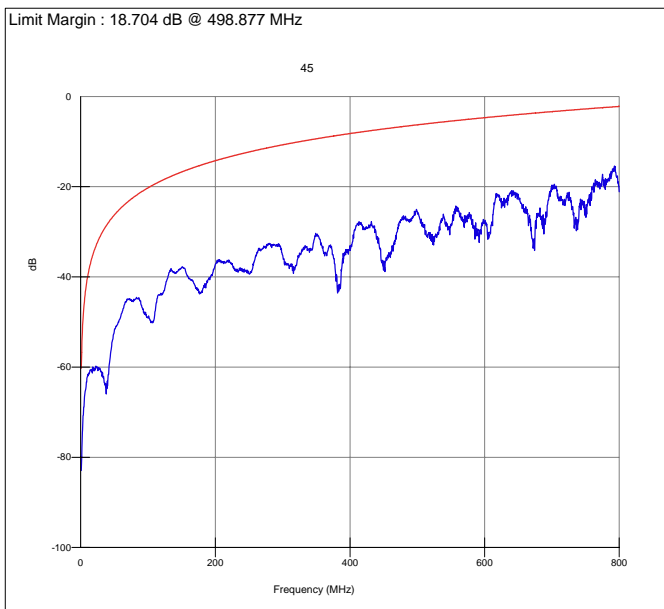
Limit Margin : 20.294 dB @ 78.903 MHz





PSACRF (PSELFEXT) - Near End

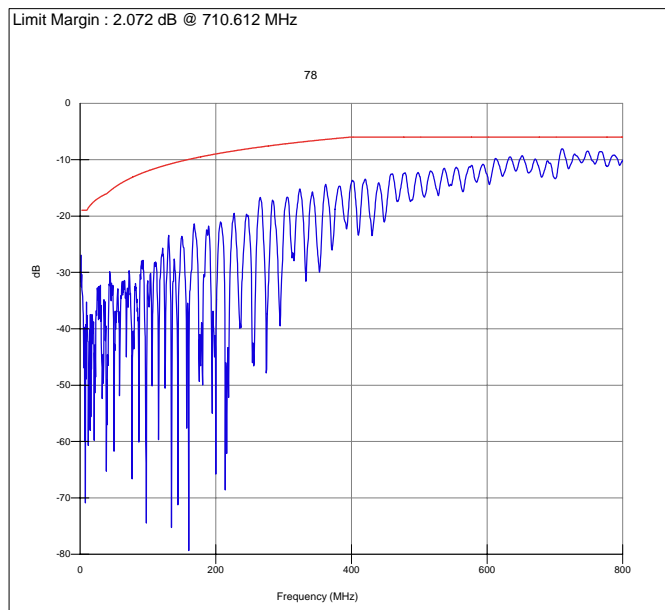
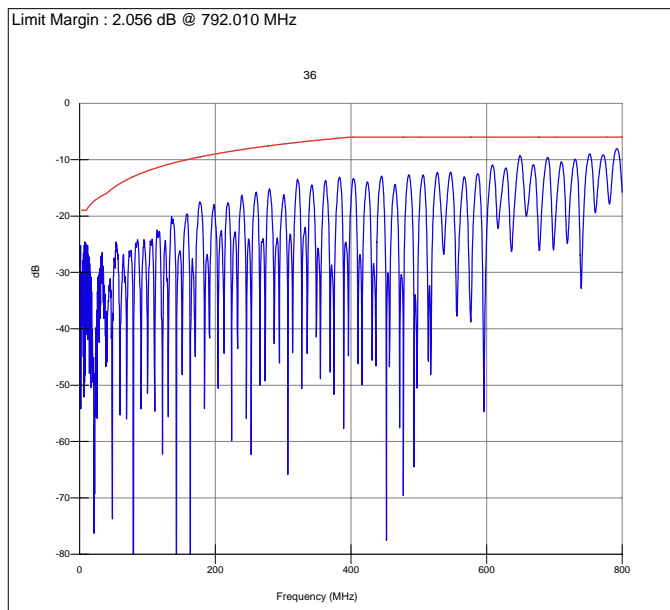
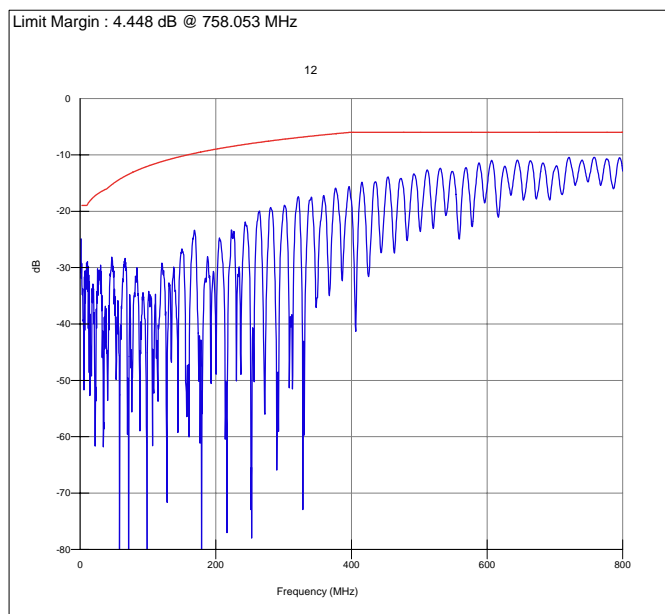
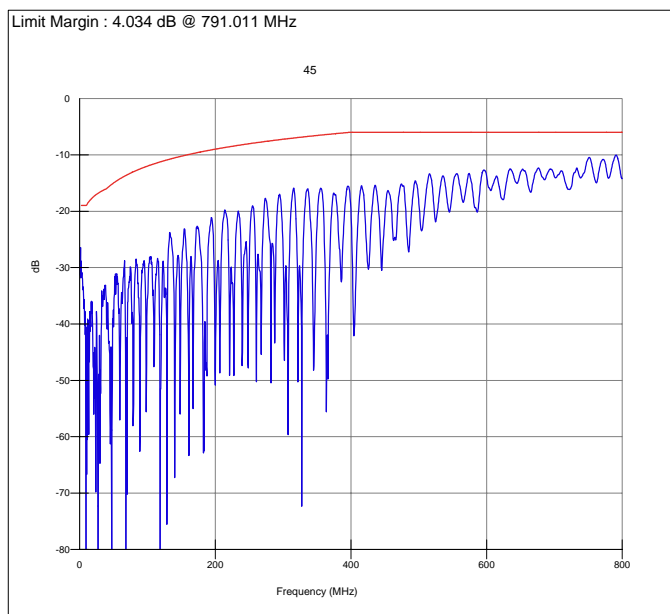
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





Return Loss - Near End

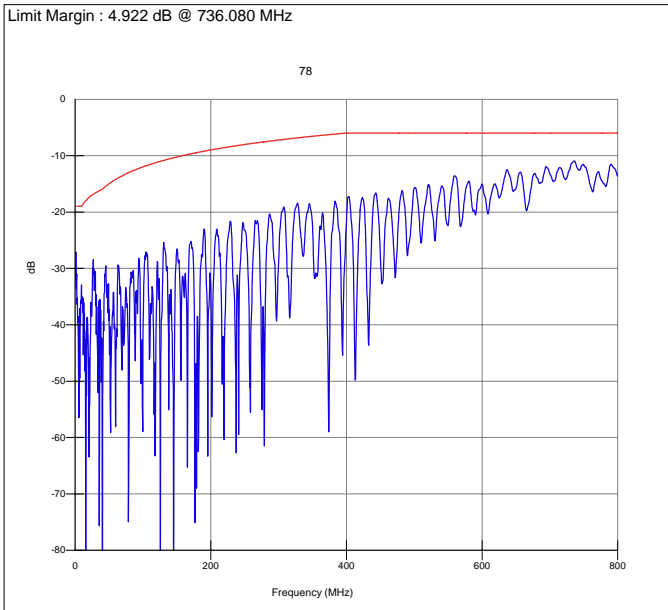
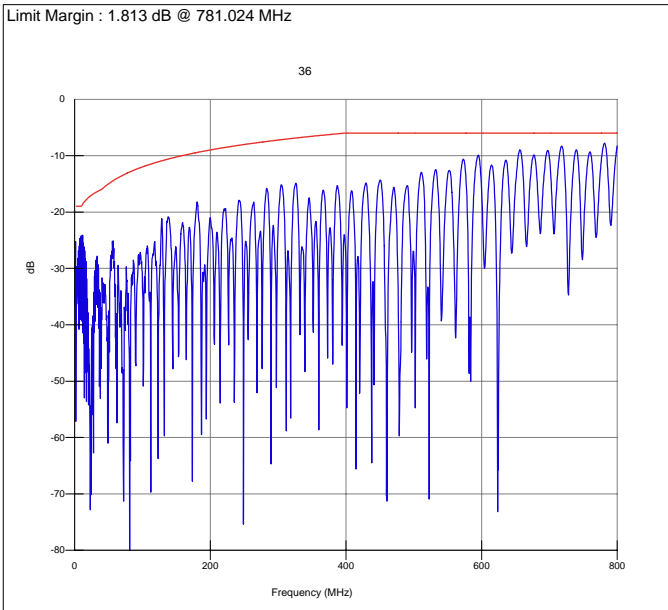
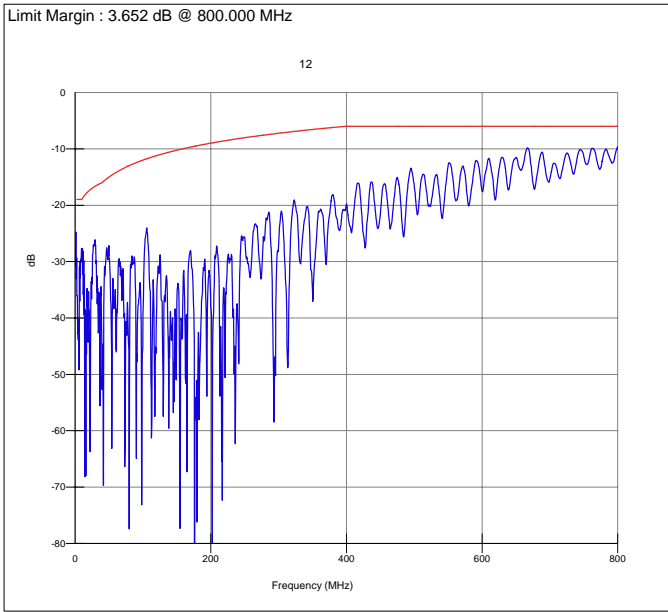
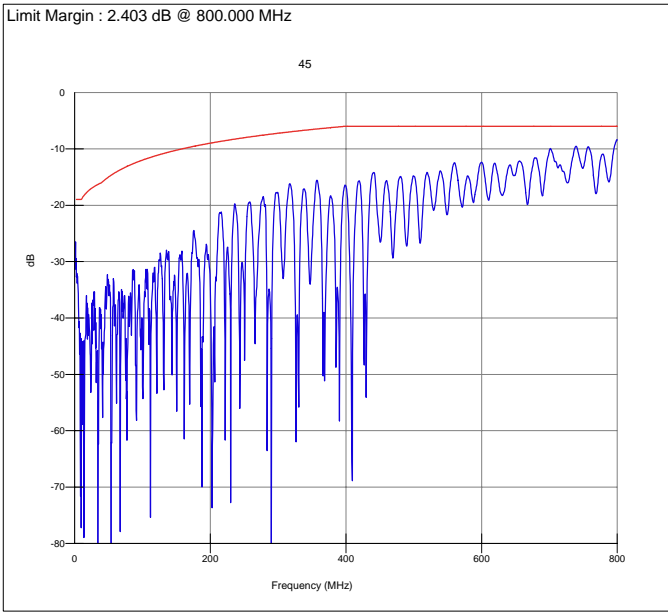
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





Return Loss - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

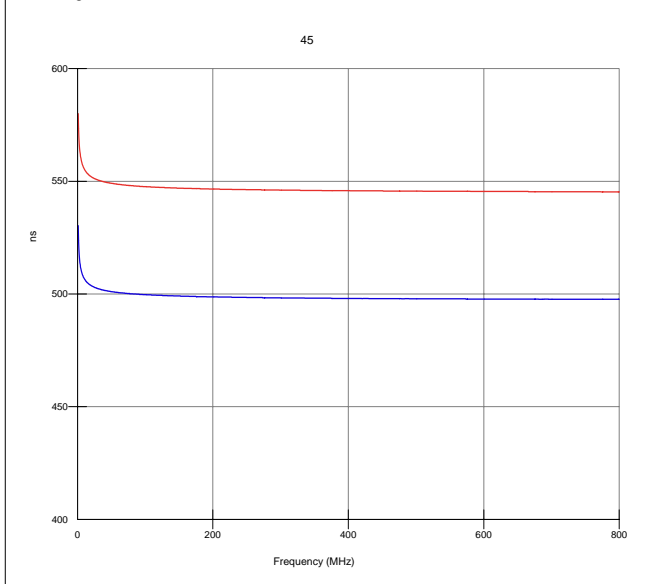




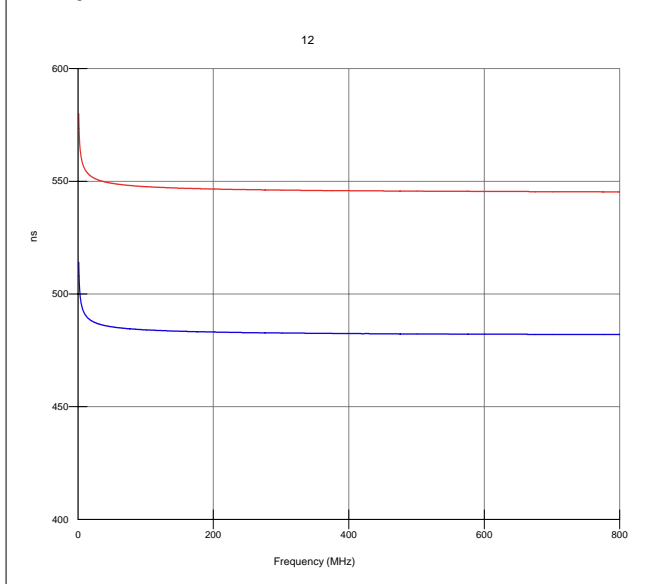
Propagation Delay - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

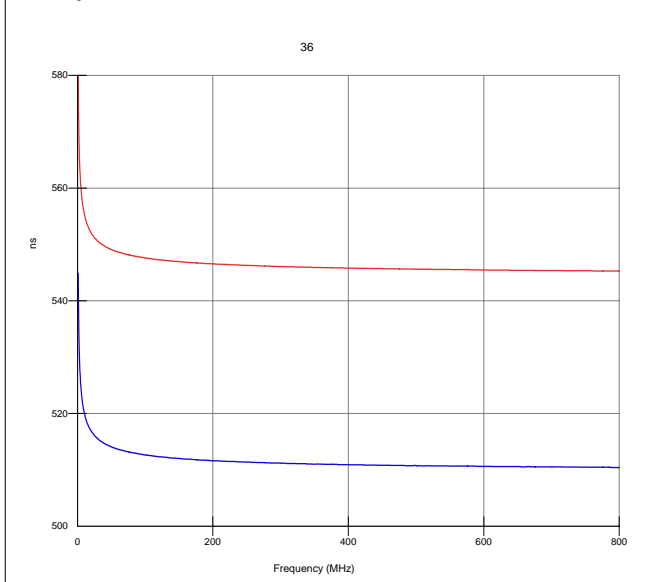
Limit Margin : 47.650 ns @ 773.034 MHz



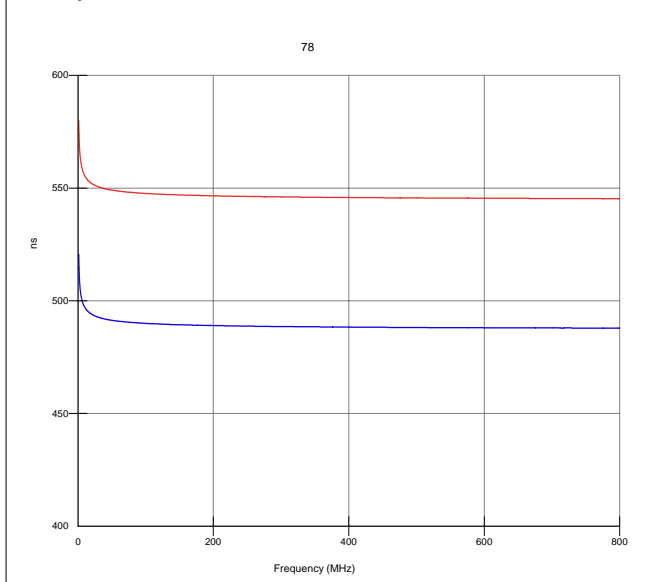
Limit Margin : 63.250 ns @ 797.503 MHz



Limit Margin : 34.810 ns @ 706.118 MHz



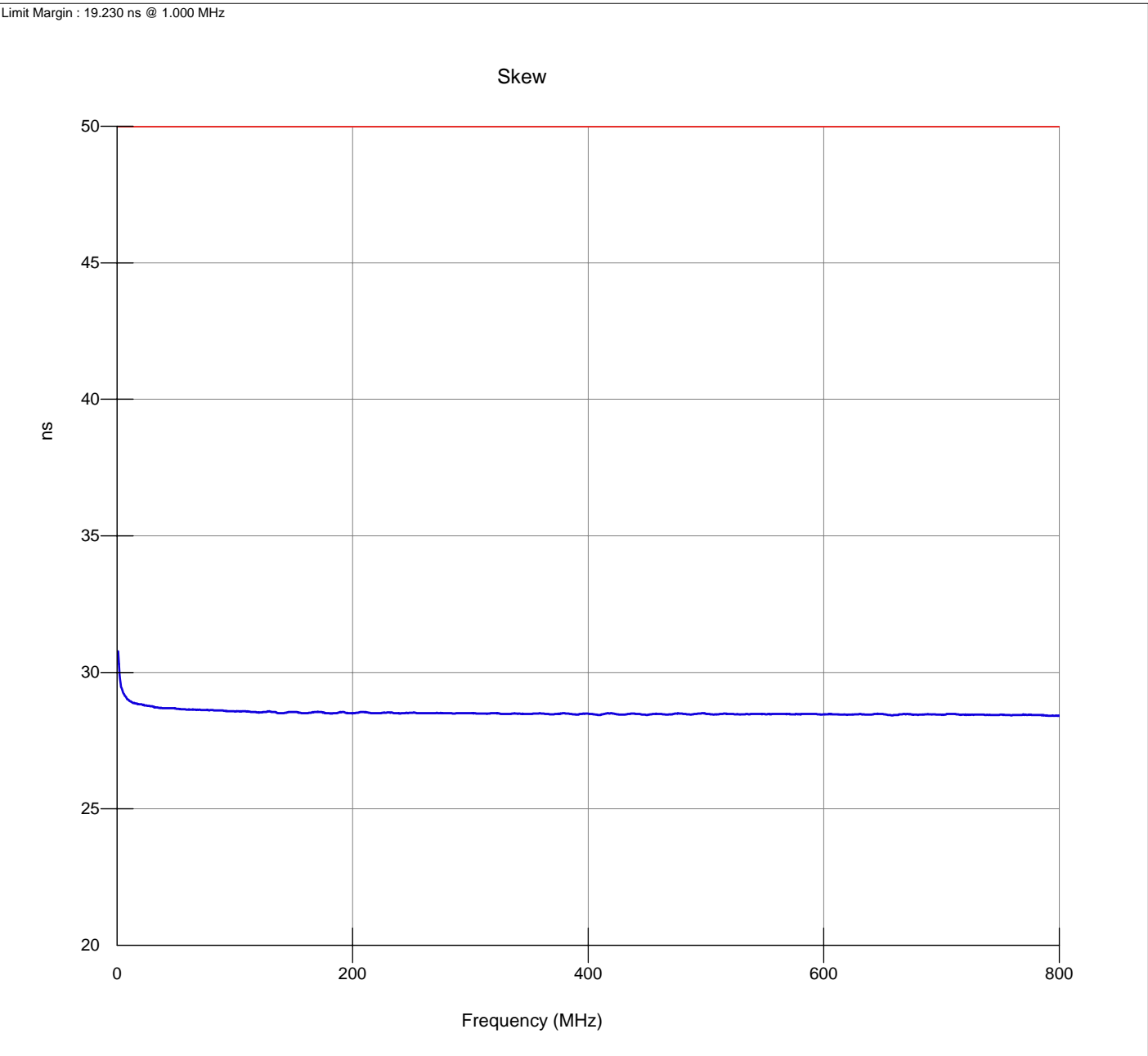
Limit Margin : 57.400 ns @ 785.019 MHz





Propagation Delay Skew - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

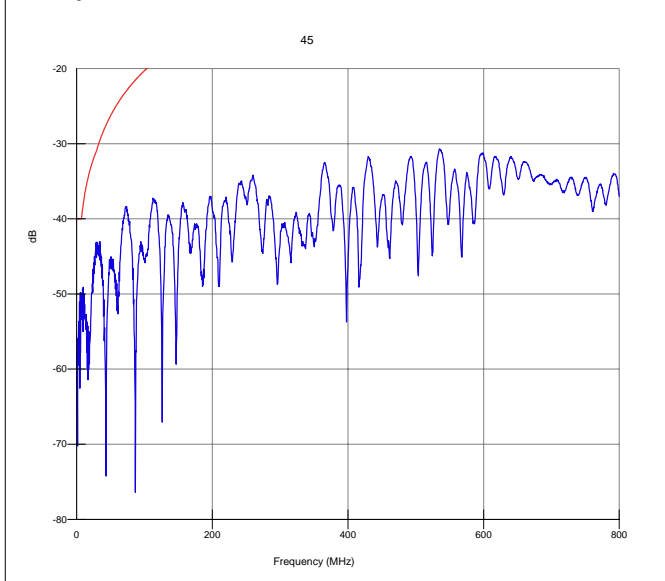




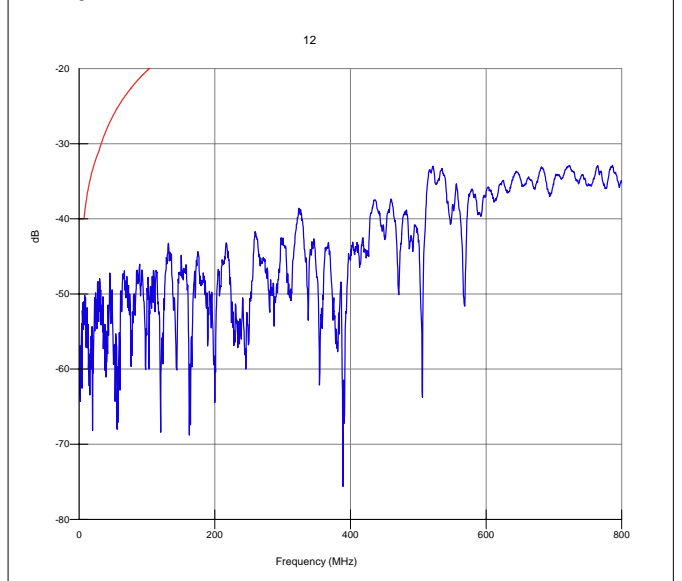
TCL - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

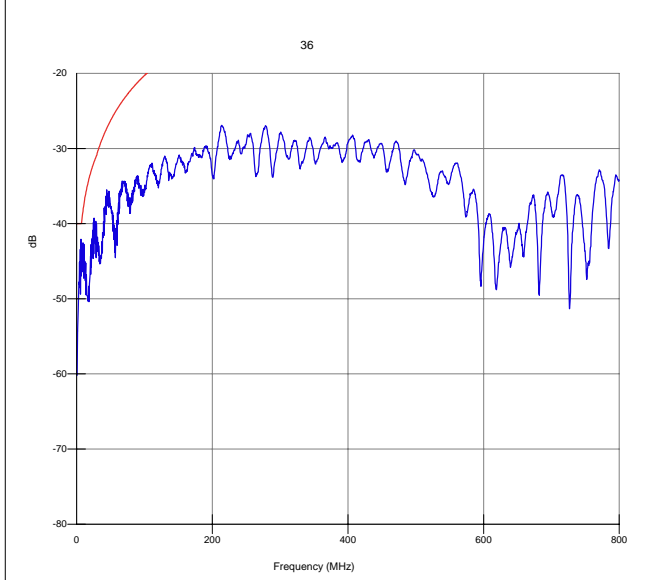
Limit Margin : 9.824 dB @ 5.494 MHz



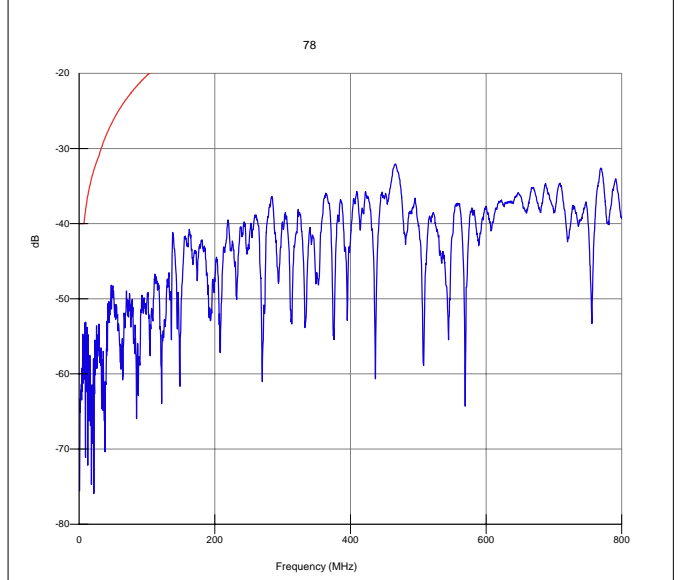
Limit Margin : 11.100 dB @ 7.492 MHz



Limit Margin : 2.085 dB @ 6.493 MHz



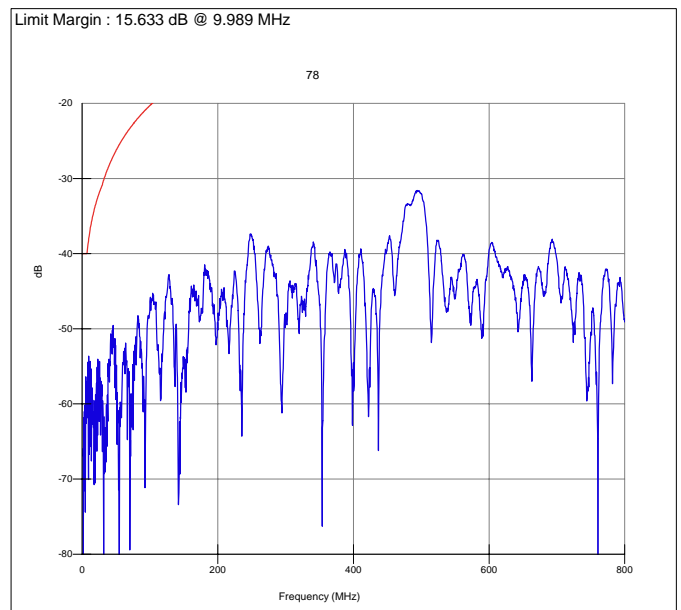
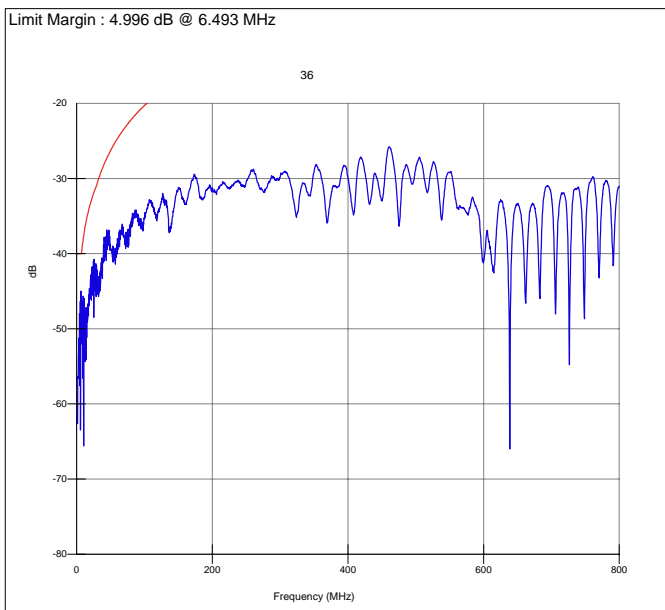
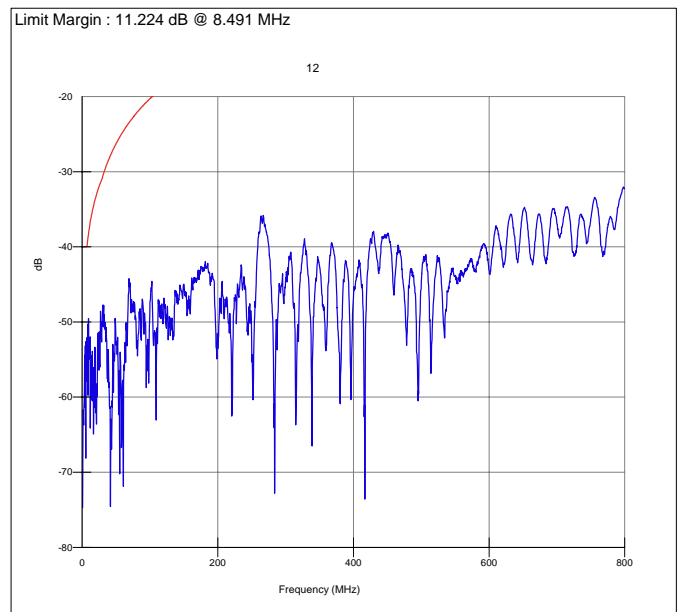
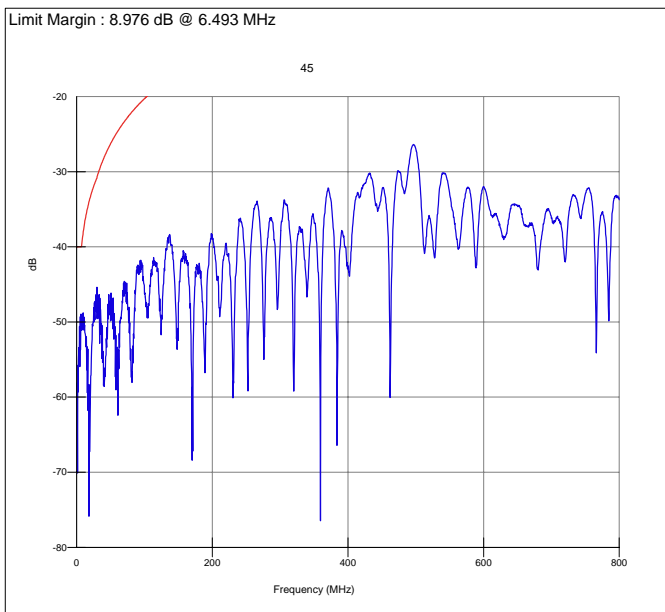
Limit Margin : 14.474 dB @ 8.990 MHz





TCL - Far End

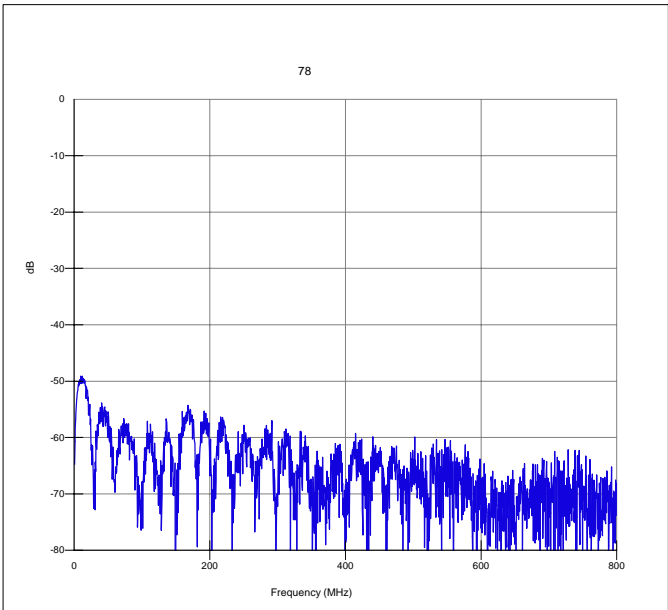
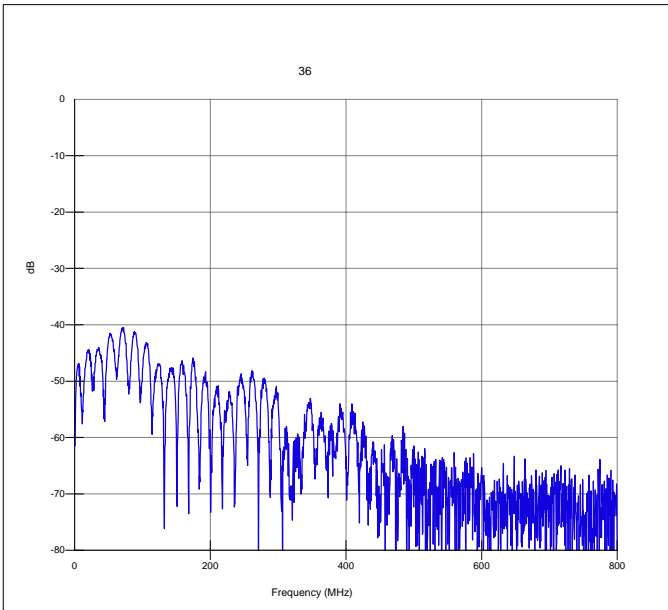
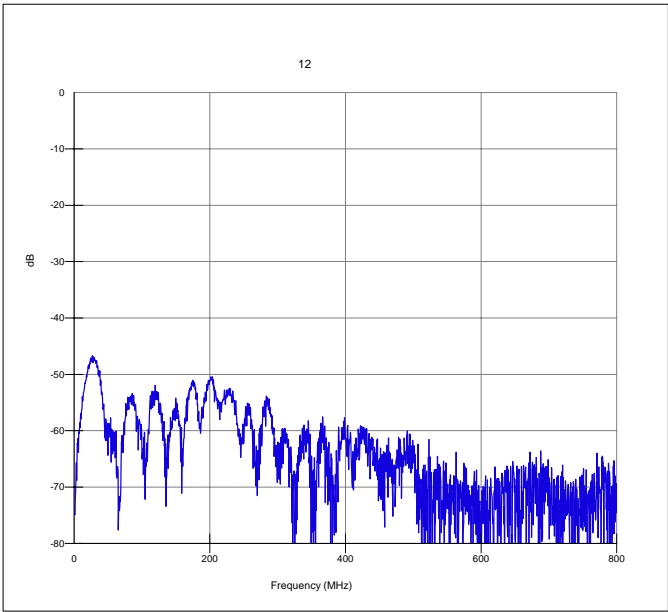
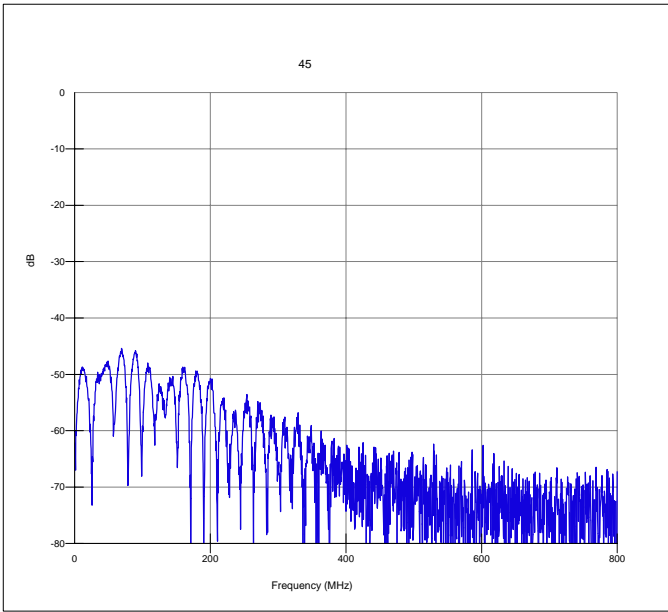
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





TCTL - Near End

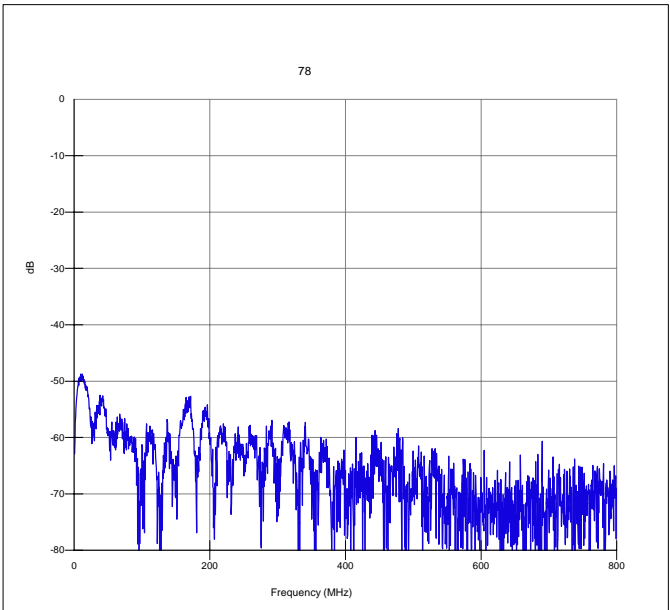
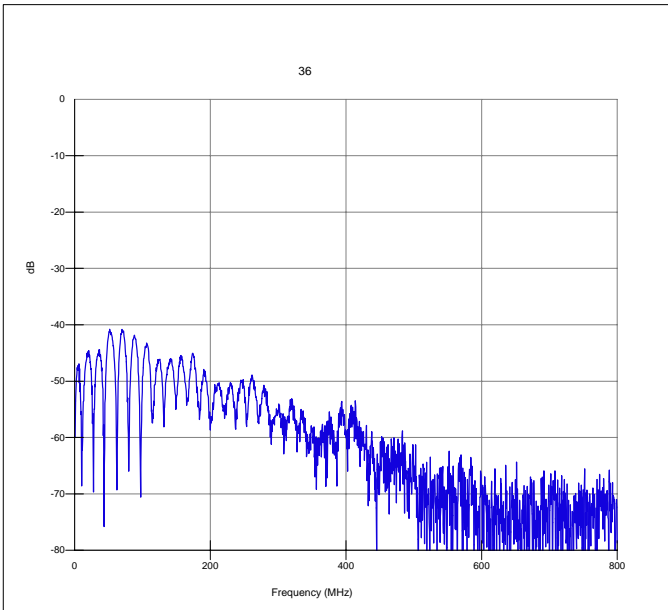
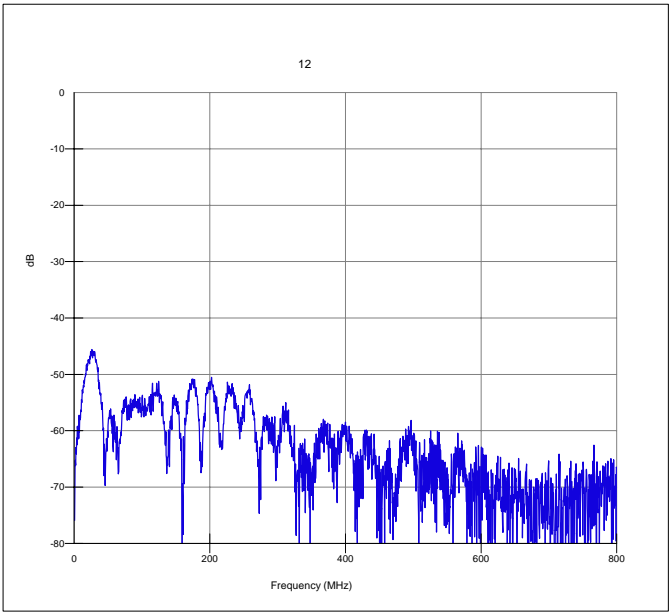
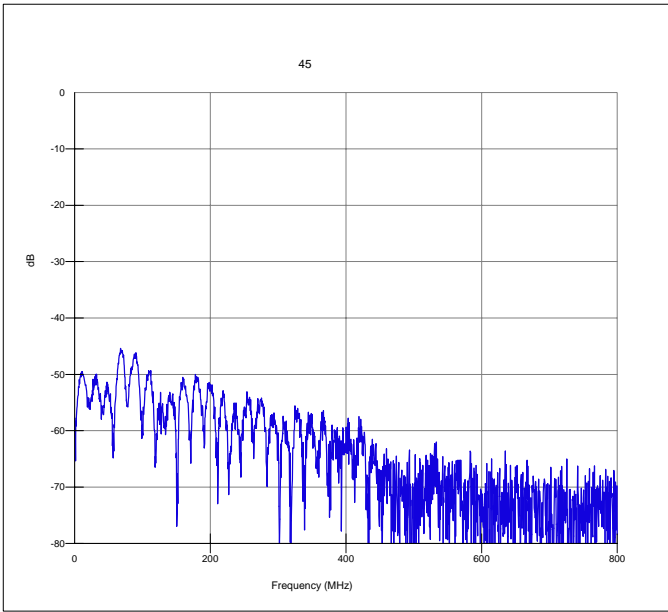
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





TCTL - Far End

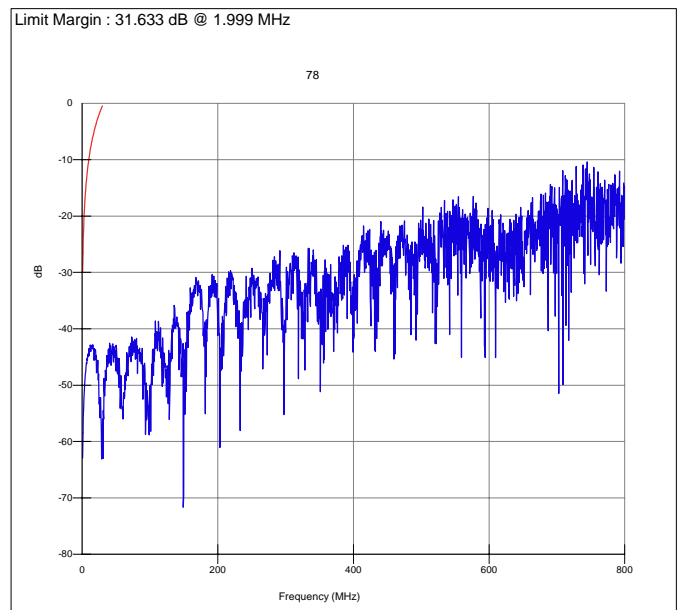
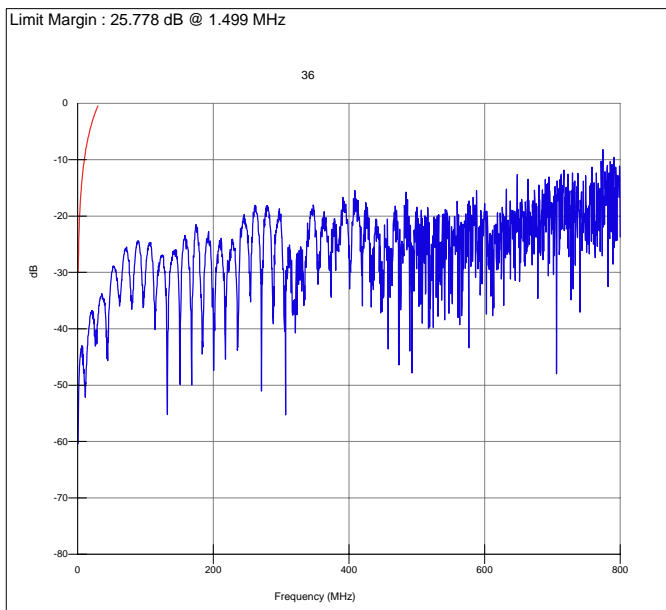
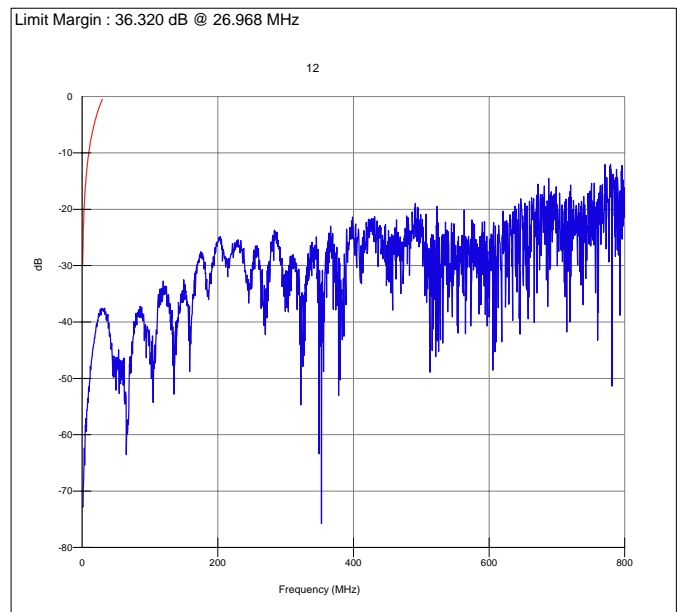
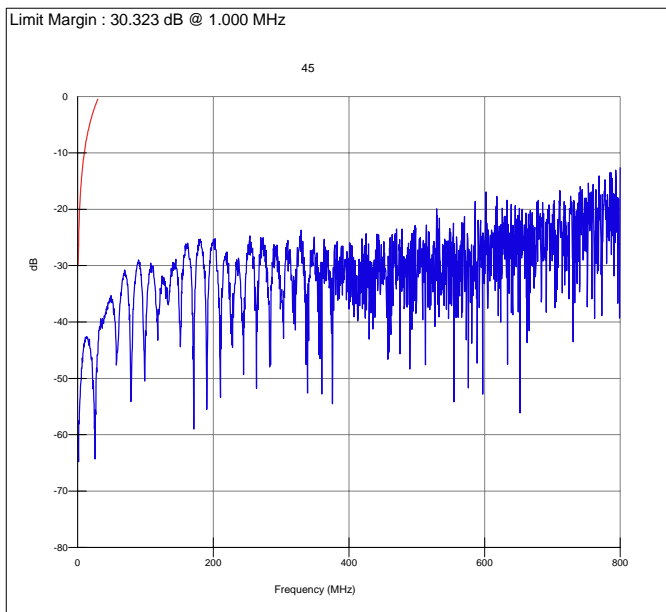
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





ELTCTL - Near End

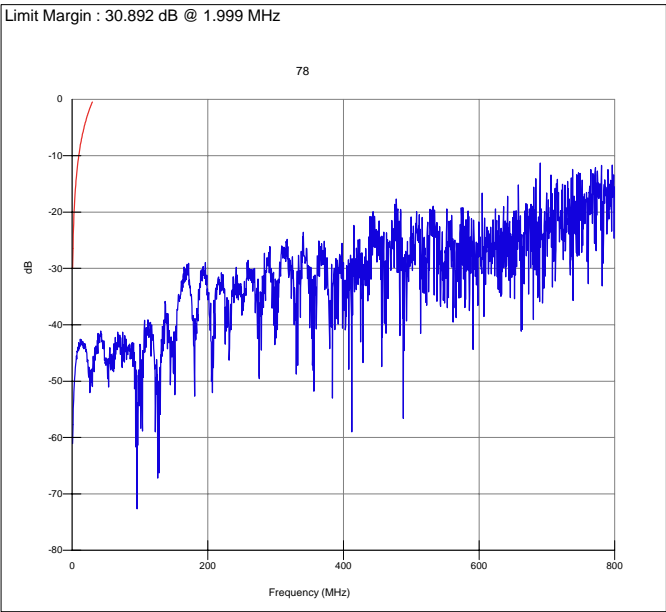
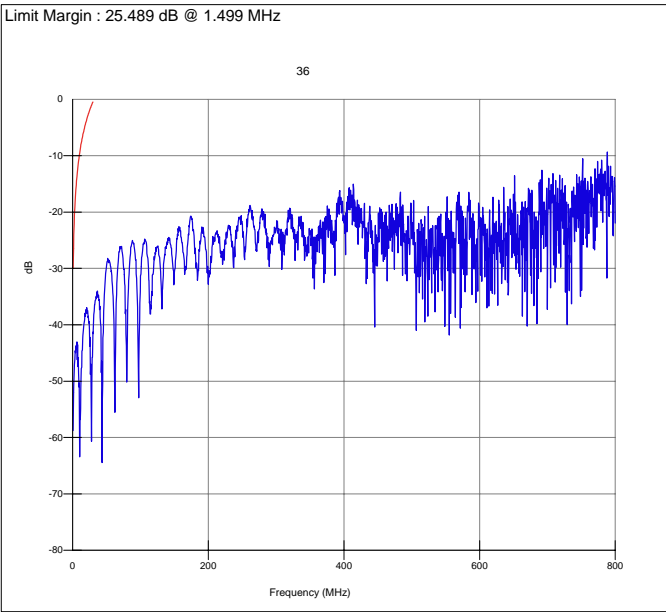
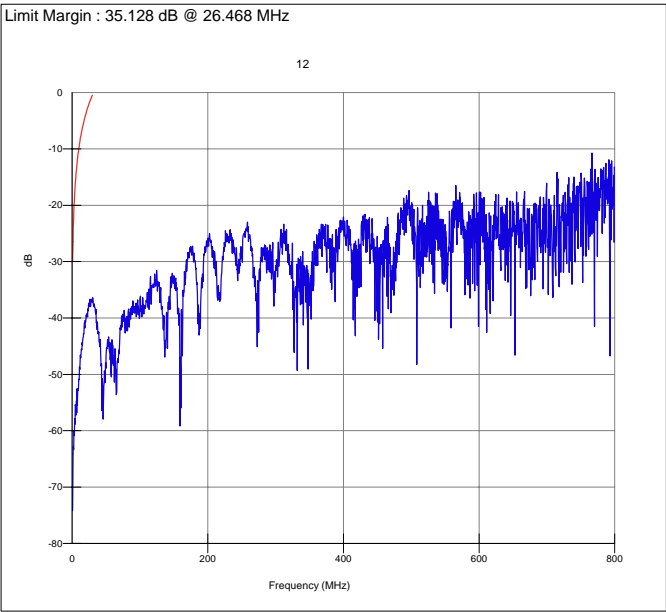
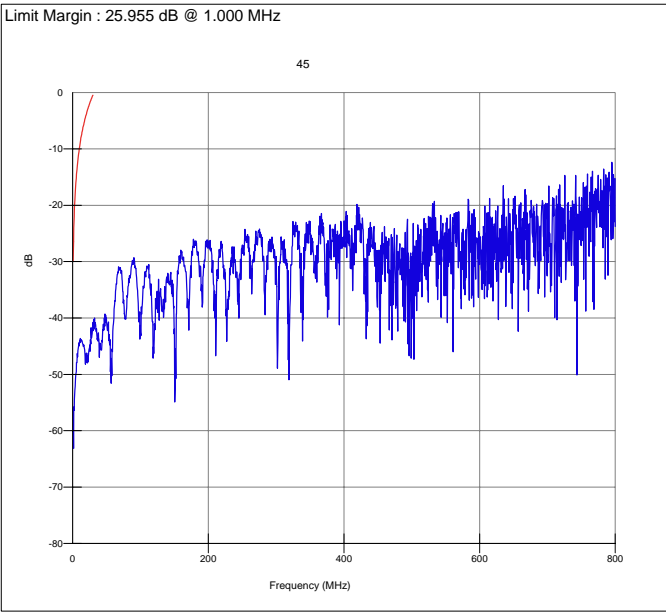
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





ELTCTL - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:27:01 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





Schneider Electric India Pvt. Ltd.,

Test report number 102207890CRT-002b
September 8, 2015

Appendix B

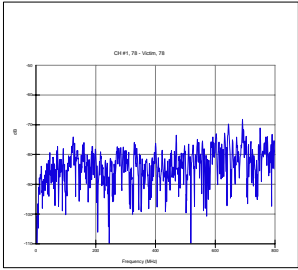
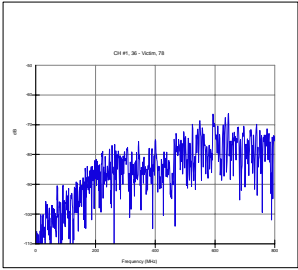
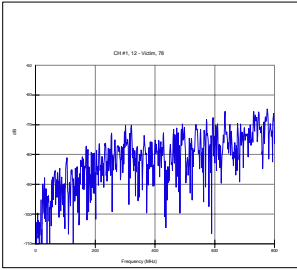
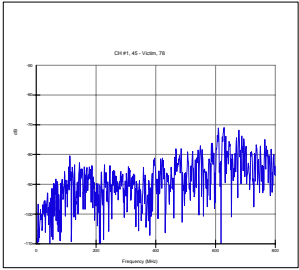
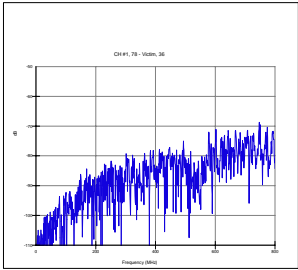
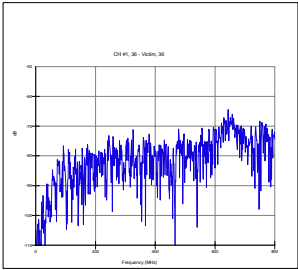
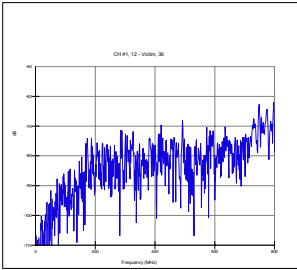
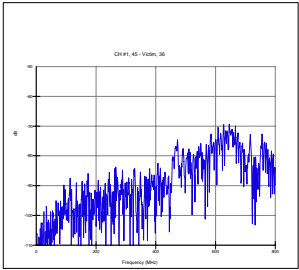
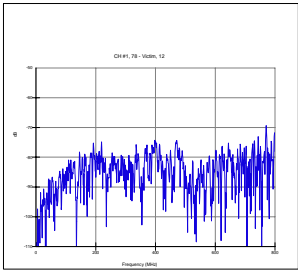
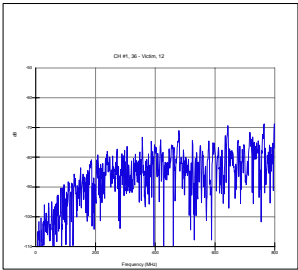
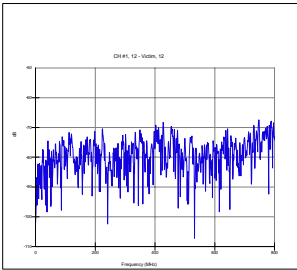
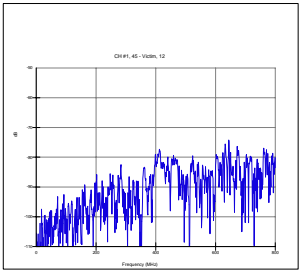
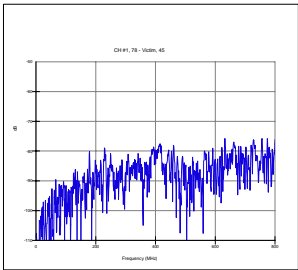
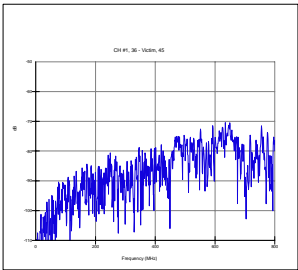
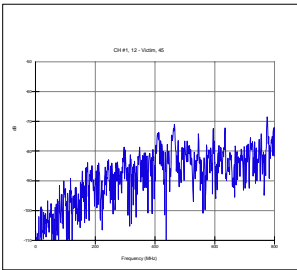
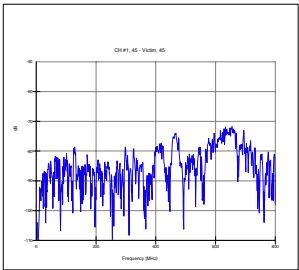
External (alien) test results

This appendix contains 24 pages.



ANEXT - Near End

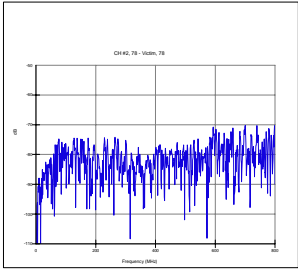
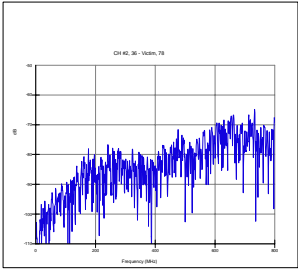
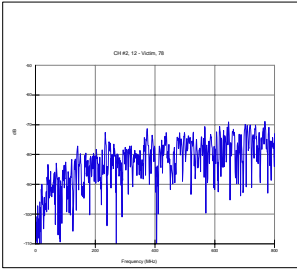
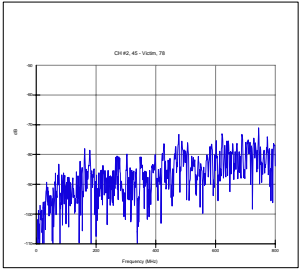
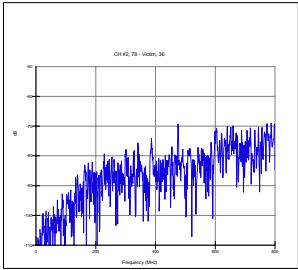
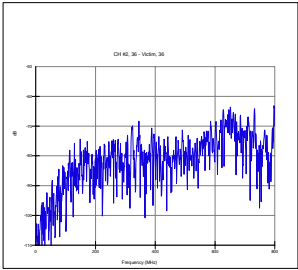
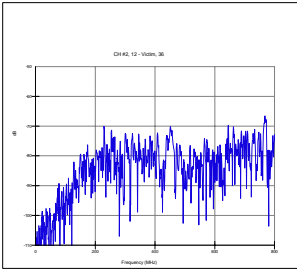
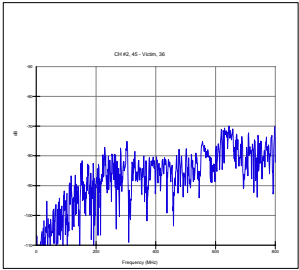
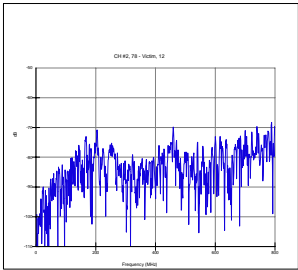
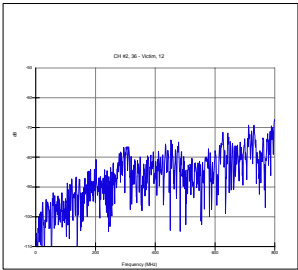
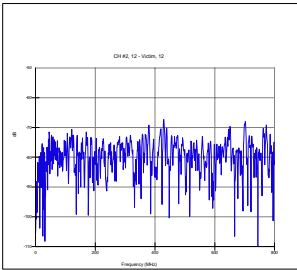
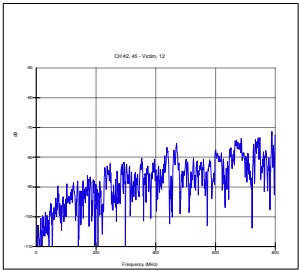
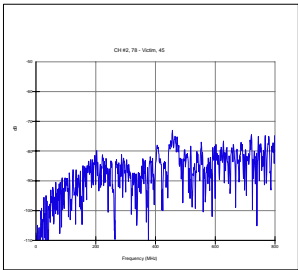
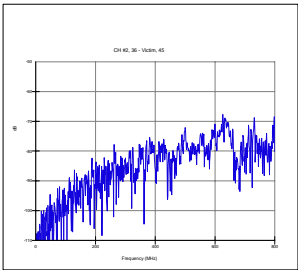
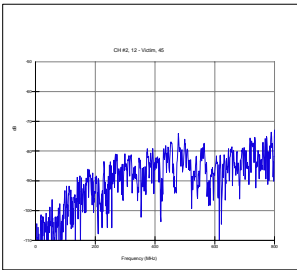
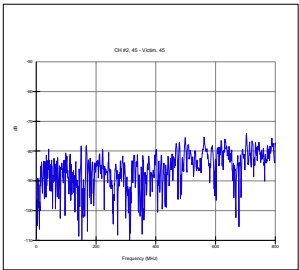
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ANEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ANEXT - Near End

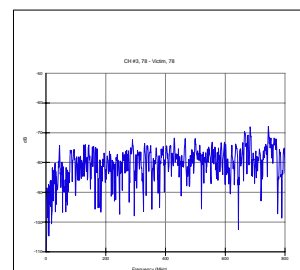
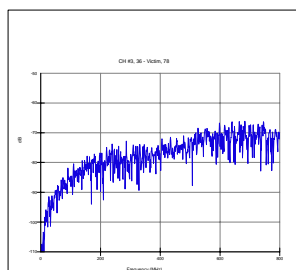
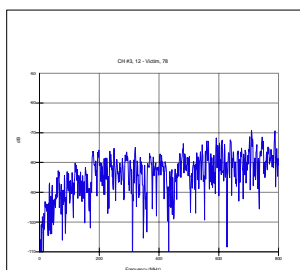
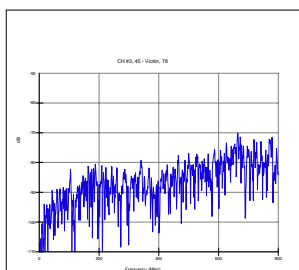
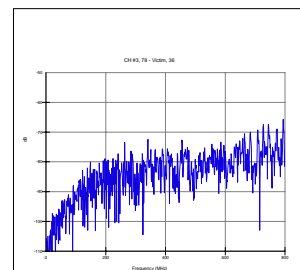
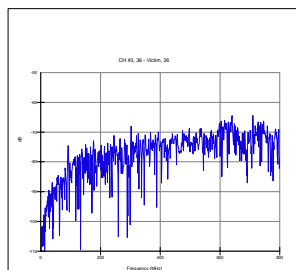
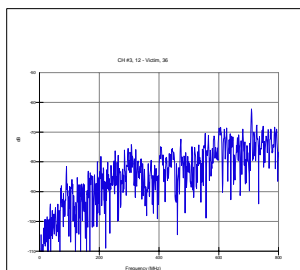
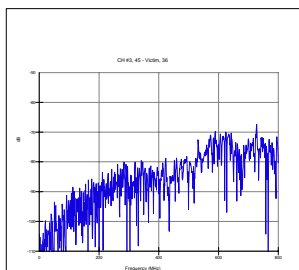
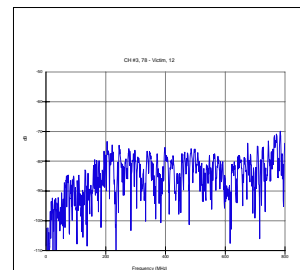
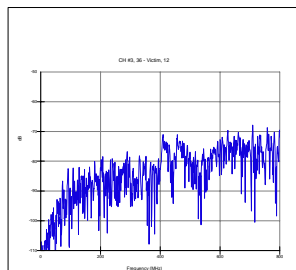
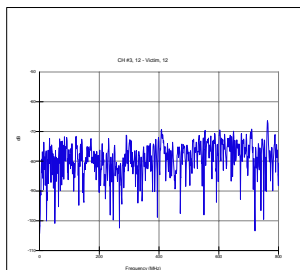
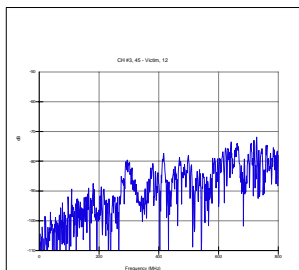
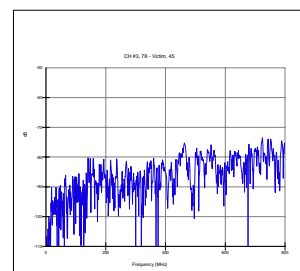
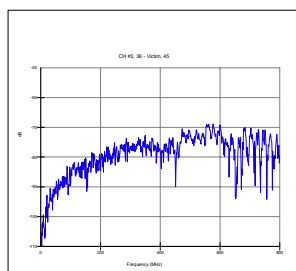
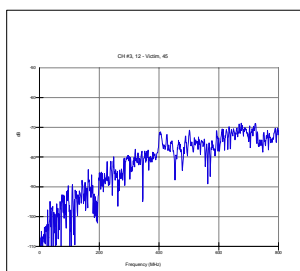
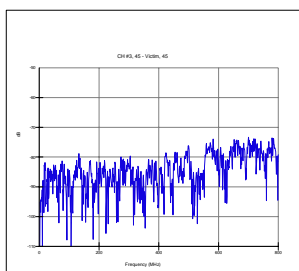
Client
Specification
Part No
Test Started
Description
Operator Name

Schneider Electric India
ISO-IEC 11801 Class Ea Channel (800 MHz)
ACTTG4P6AUCM3RBU_E
9/3/2015 12:49:19 PM
2 Connector Channel
John Cash

Report No
Length(m)
Temperature
Appendix
Test Status

102207890CRT-002b

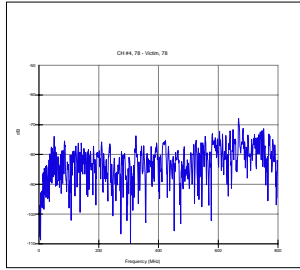
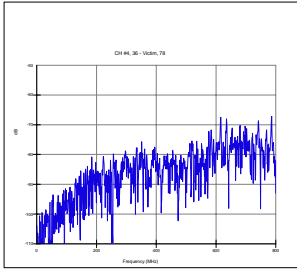
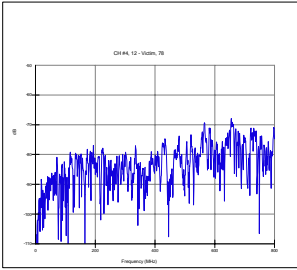
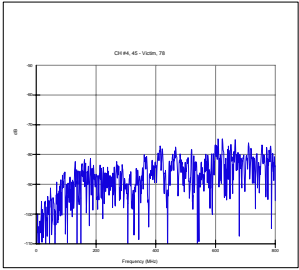
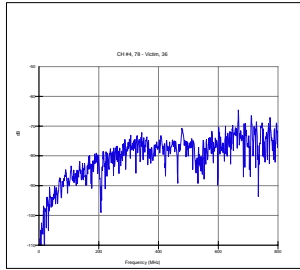
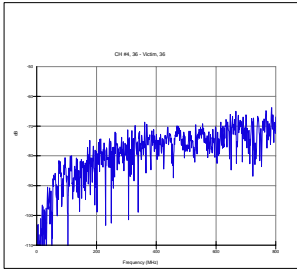
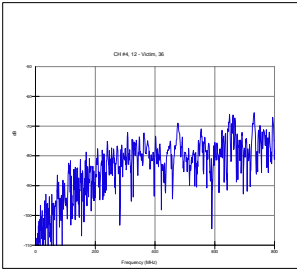
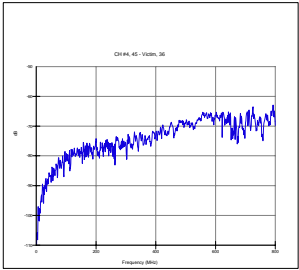
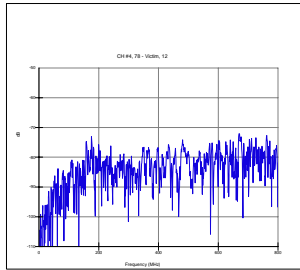
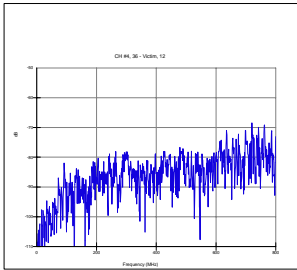
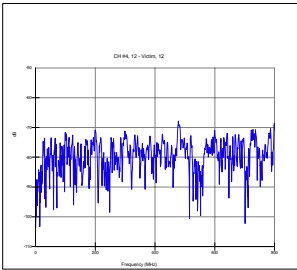
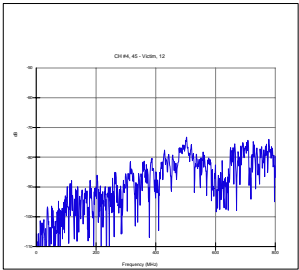
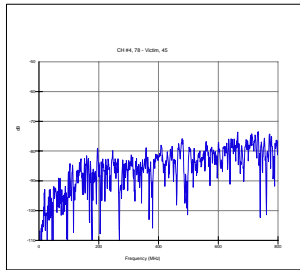
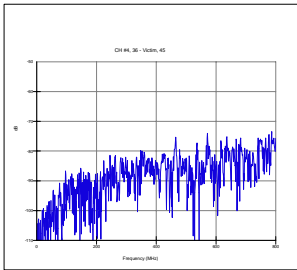
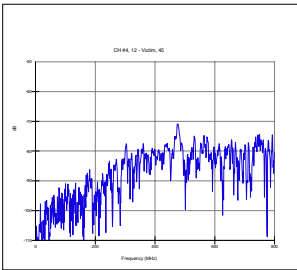
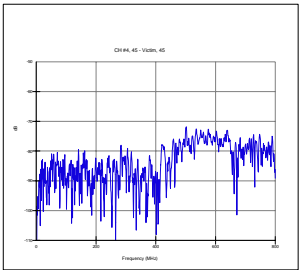
98.
22 °C
B
Complies





ANEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ANEXT - Near End

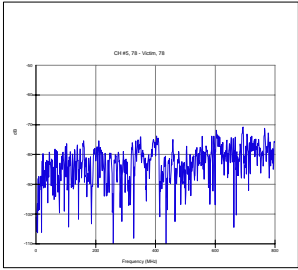
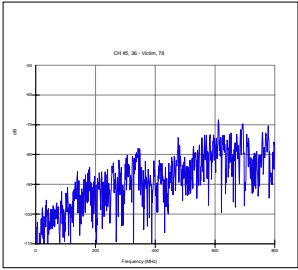
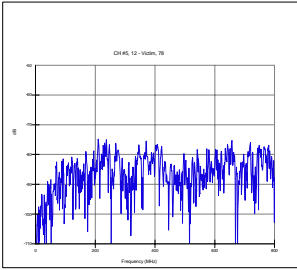
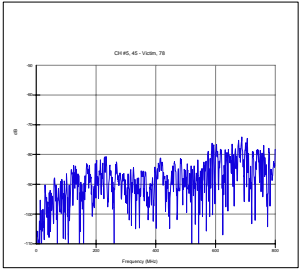
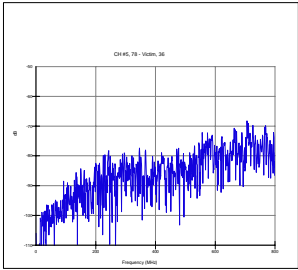
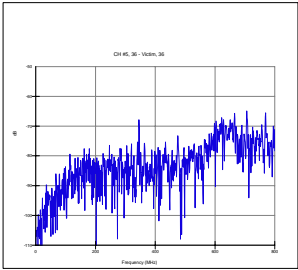
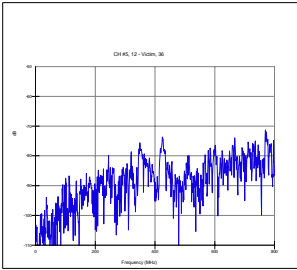
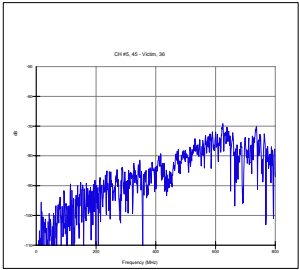
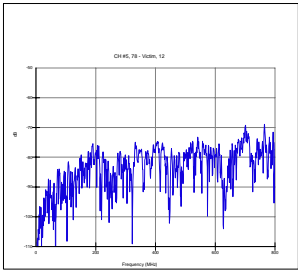
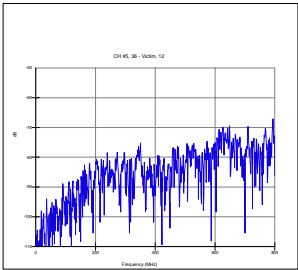
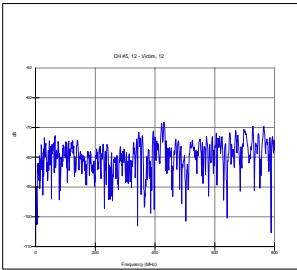
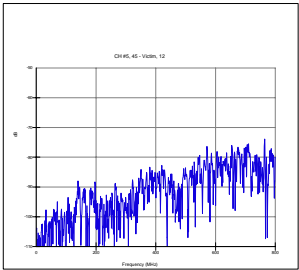
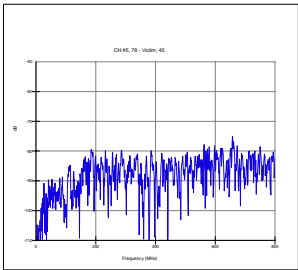
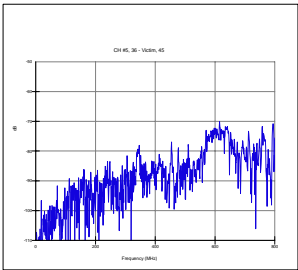
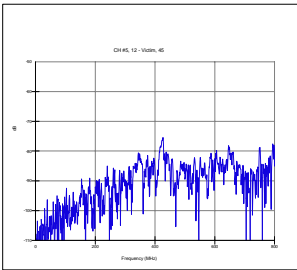
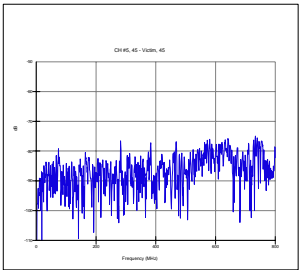
Client
Specification
Part No
Test Started
Description
Operator Name

Schneider Electric India
ISO-IEC 11801 Class Ea Channel (800 MHz)
ACTTG4P6AUCM3RBU_E
9/3/2015 12:49:19 PM
2 Connector Channel
John Cash

Report No
Length(m)
Temperature
Appendix
Test Status

102207890CRT-002b

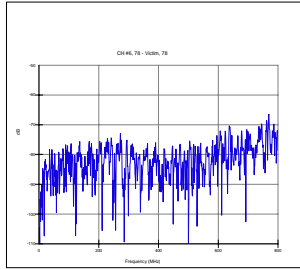
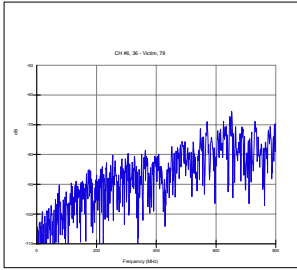
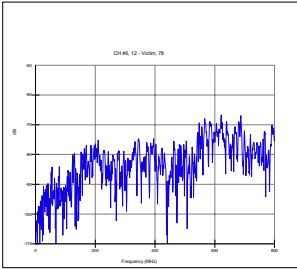
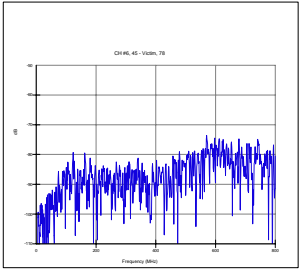
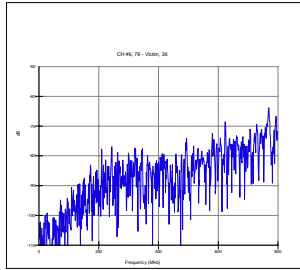
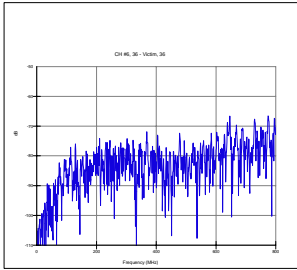
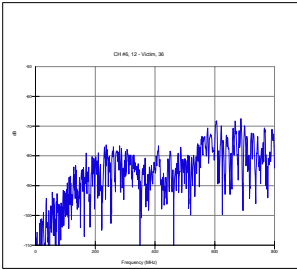
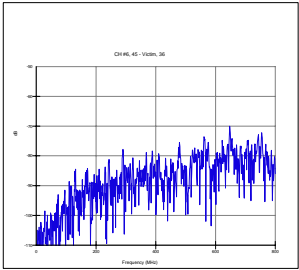
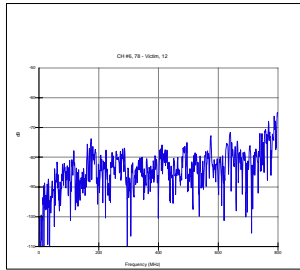
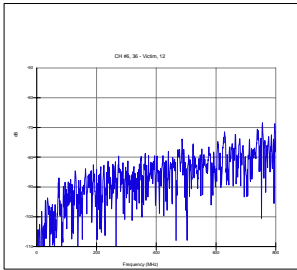
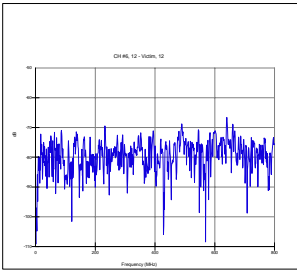
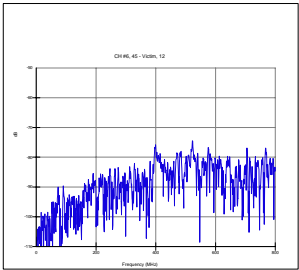
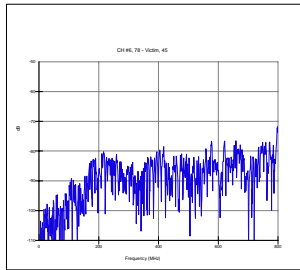
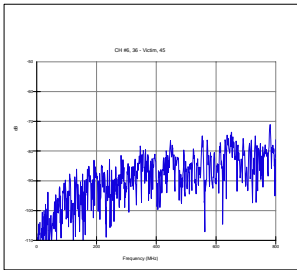
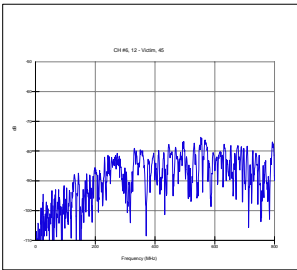
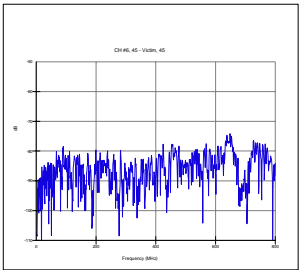
98.
22 °C
B
Complies





ANEXT - Near End

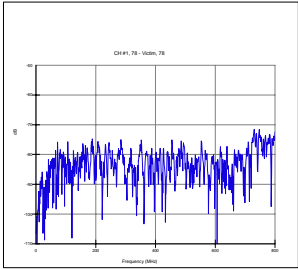
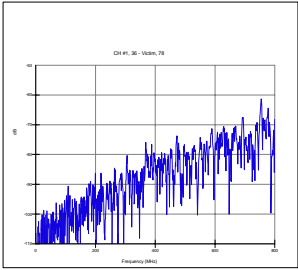
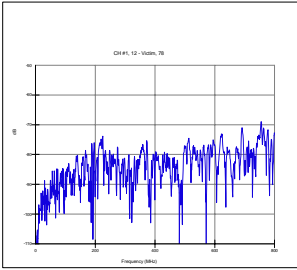
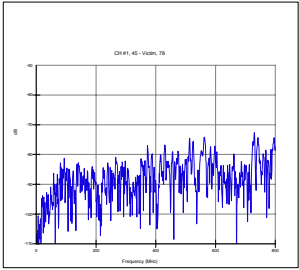
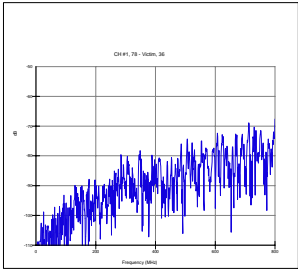
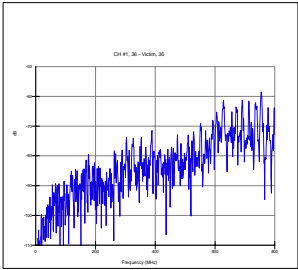
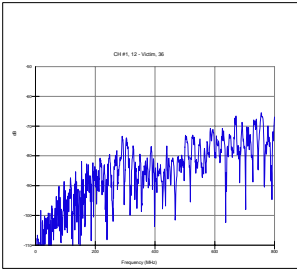
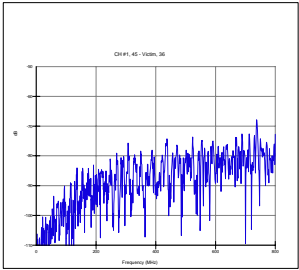
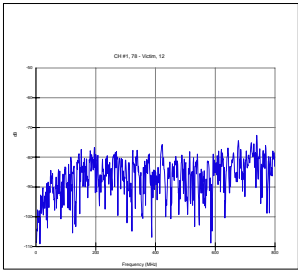
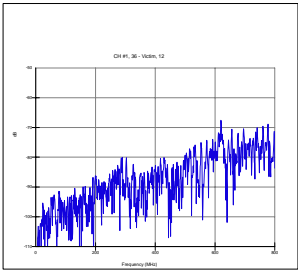
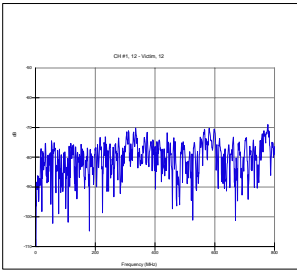
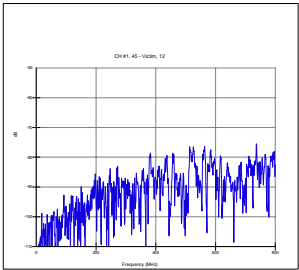
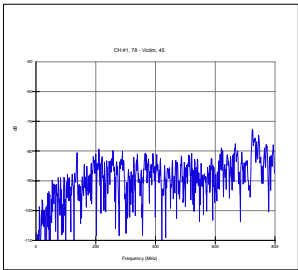
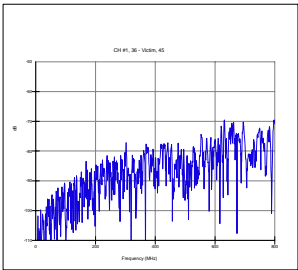
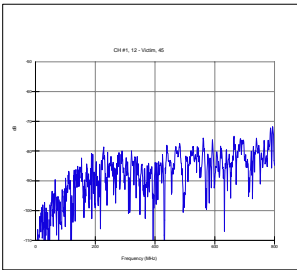
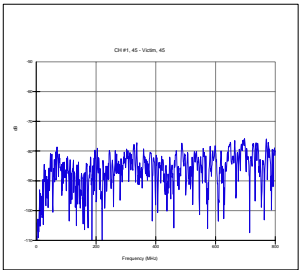
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ANEXT - Far End

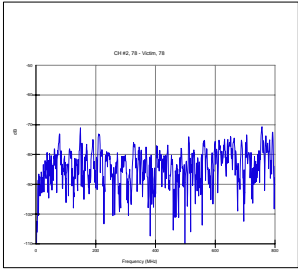
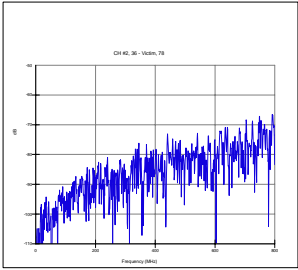
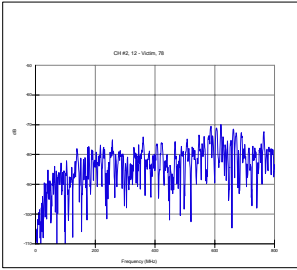
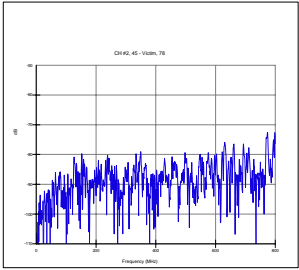
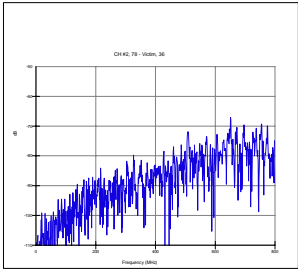
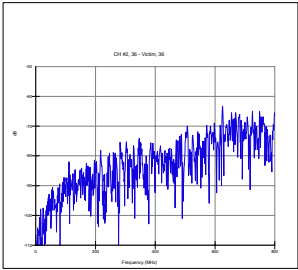
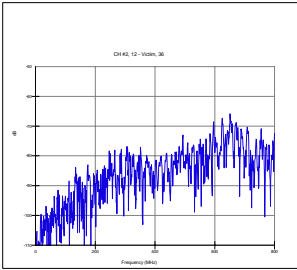
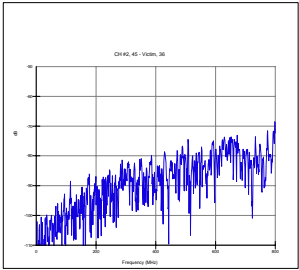
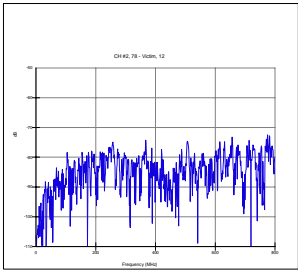
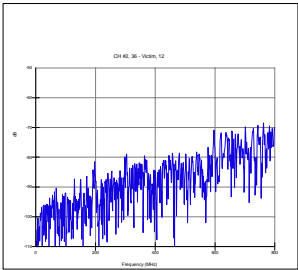
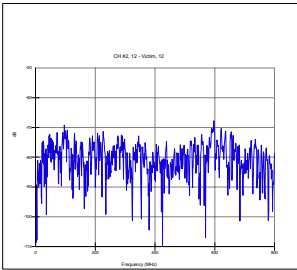
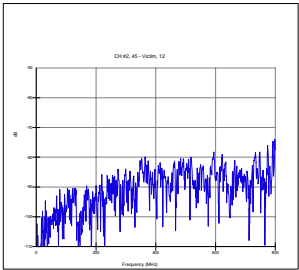
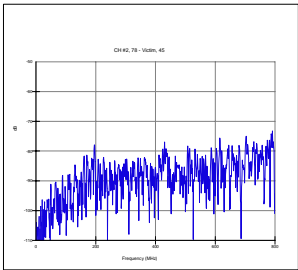
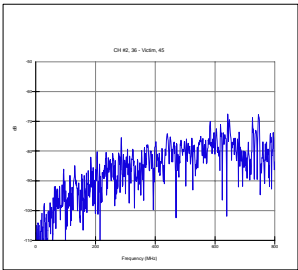
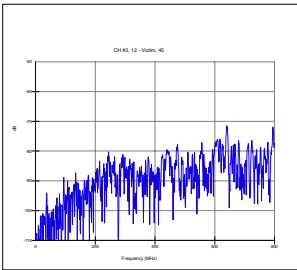
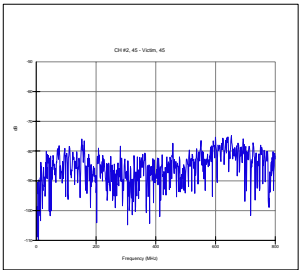
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ANEXT - Far End

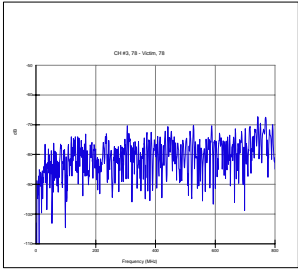
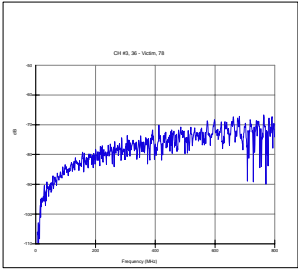
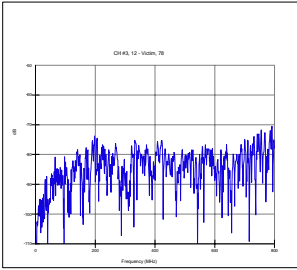
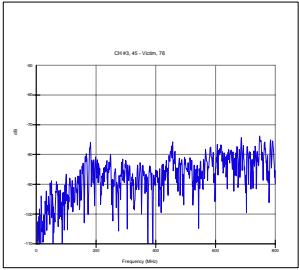
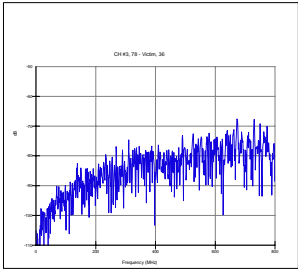
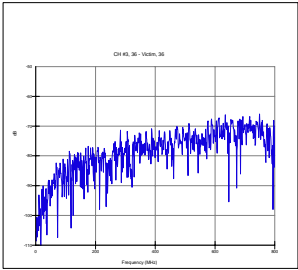
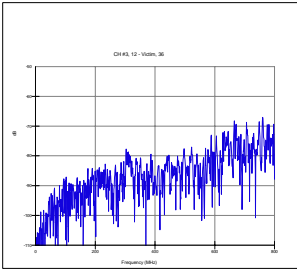
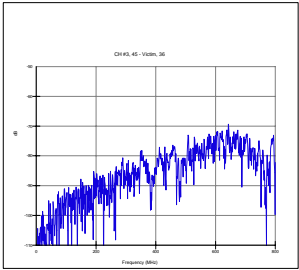
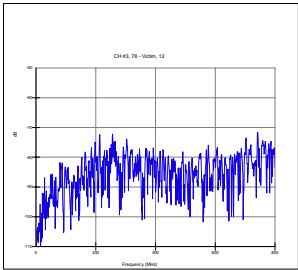
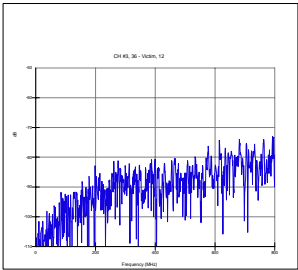
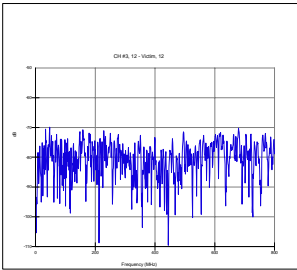
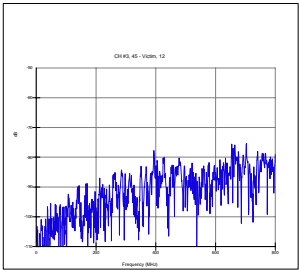
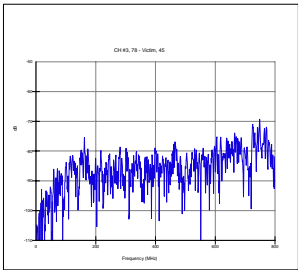
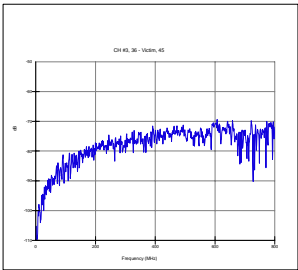
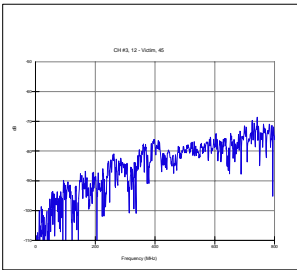
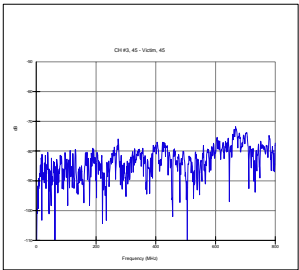
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ANEXT - Far End

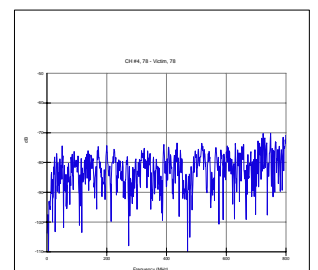
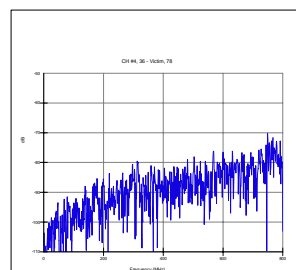
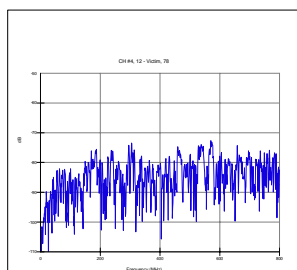
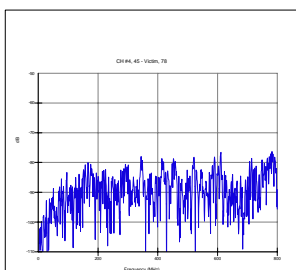
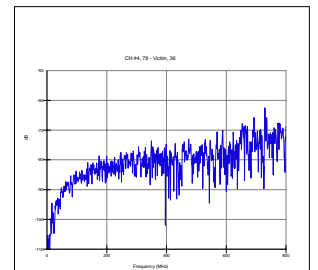
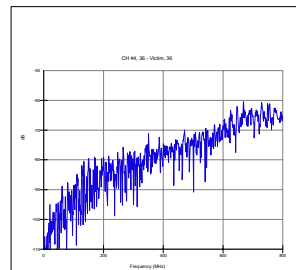
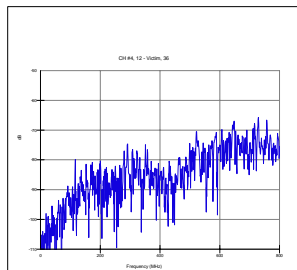
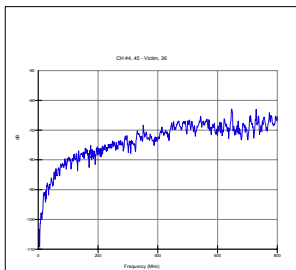
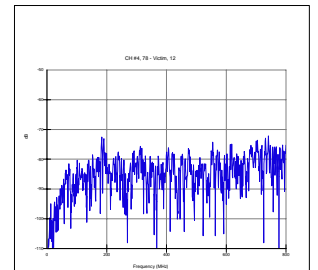
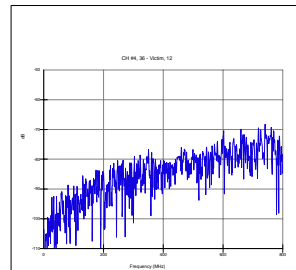
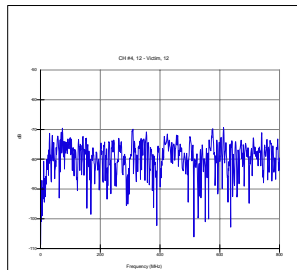
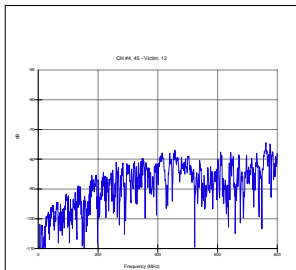
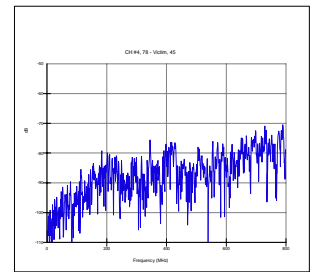
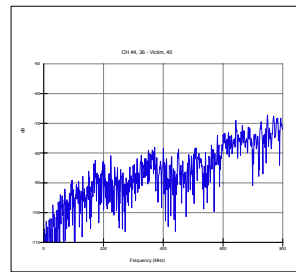
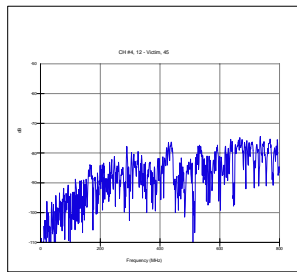
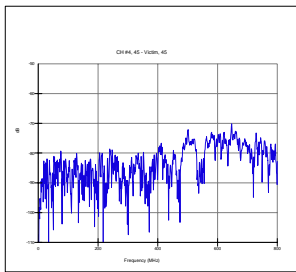
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ANEXT - Far End

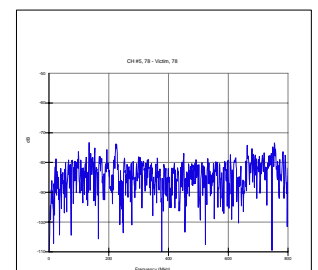
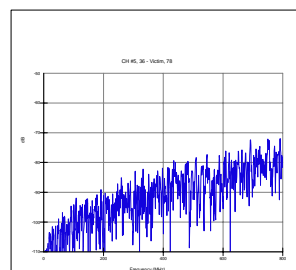
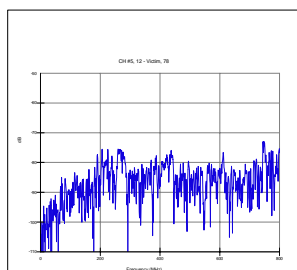
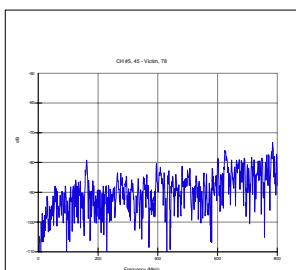
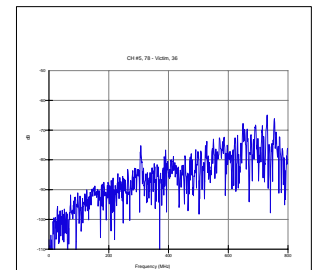
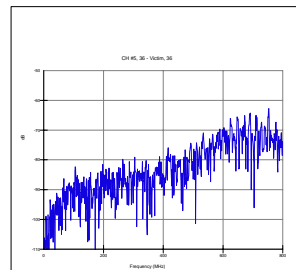
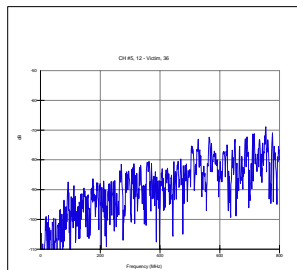
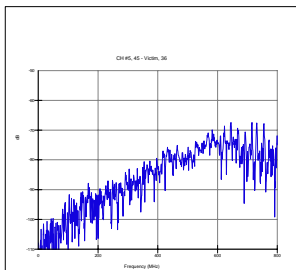
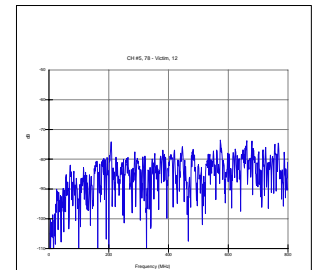
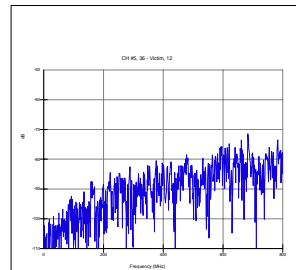
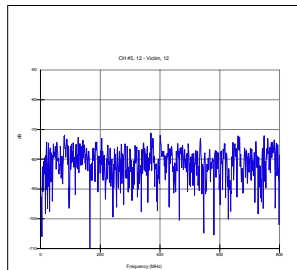
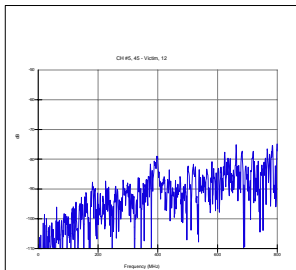
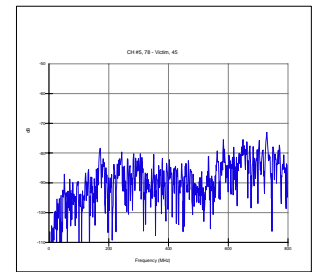
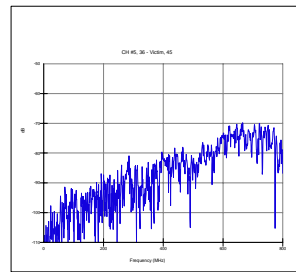
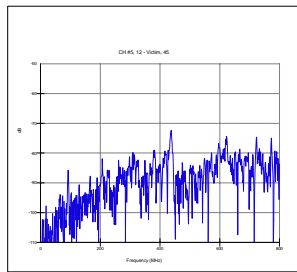
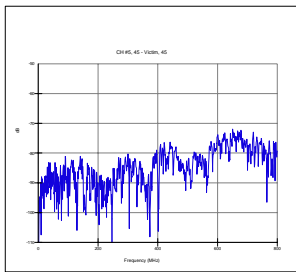
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ANEXT - Far End

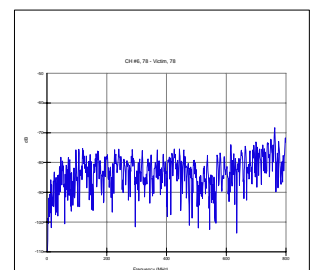
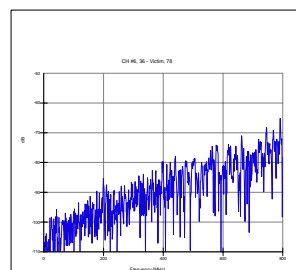
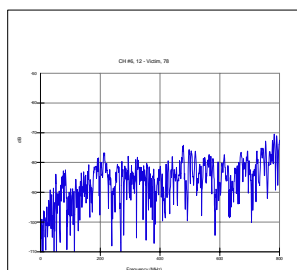
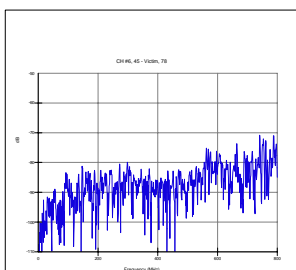
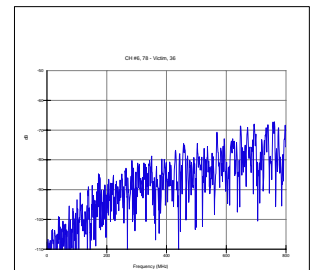
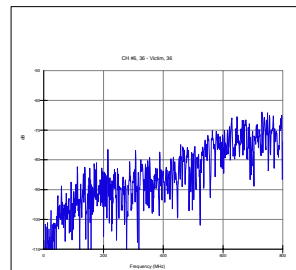
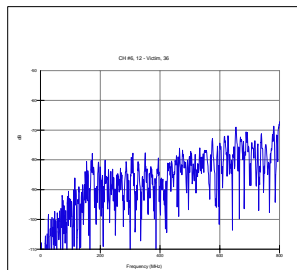
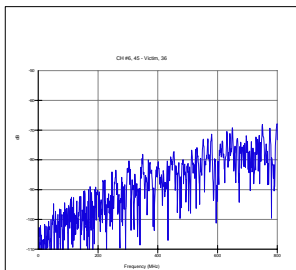
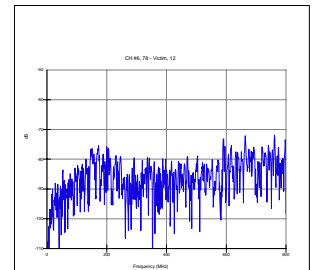
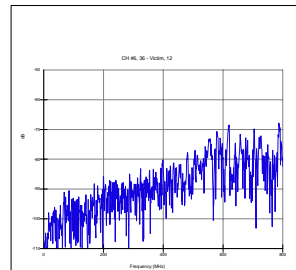
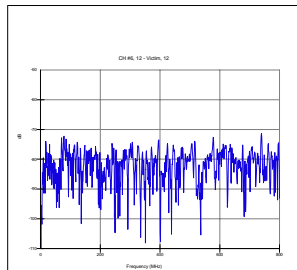
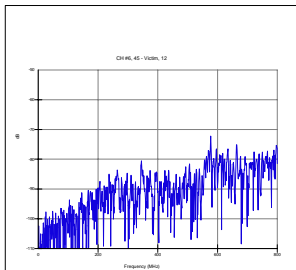
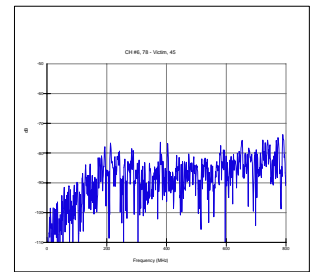
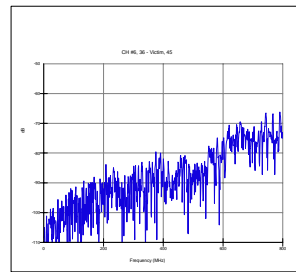
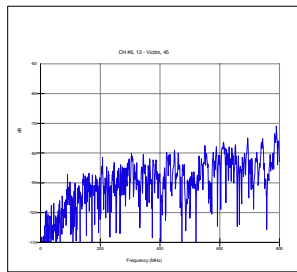
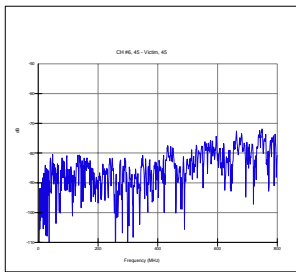
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)	Length(m)	98.
Part No	ACTTG4P6AUCM3RBU_E	Temperature	22 °C
Test Started	9/3/2015 12:49:19 PM	Appendix	B
Description	2 Connector Channel	Test Status	Complies
Operator Name	John Cash		





ANEXT - Far End

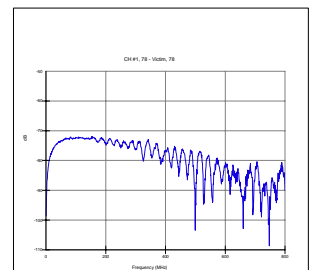
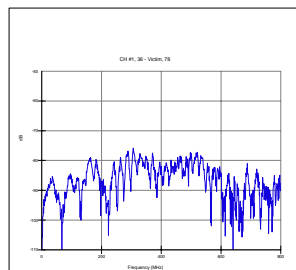
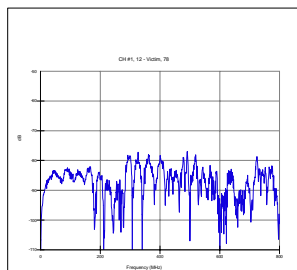
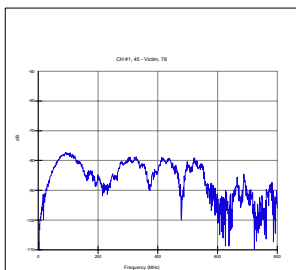
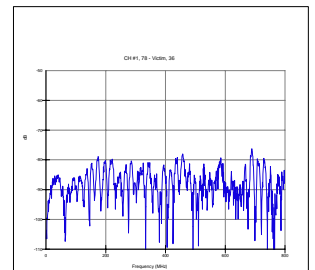
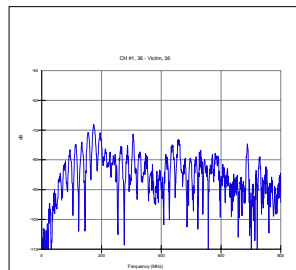
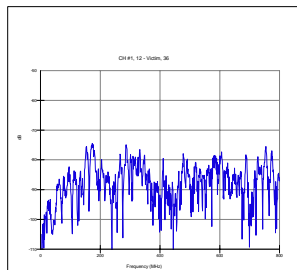
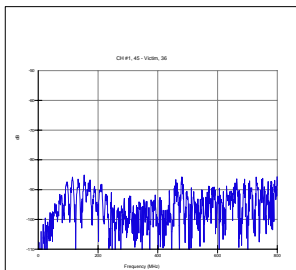
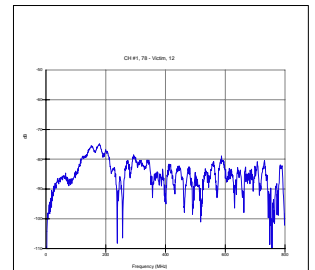
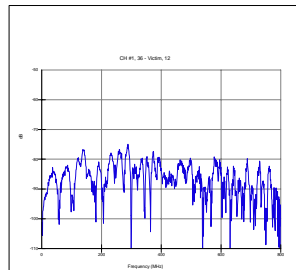
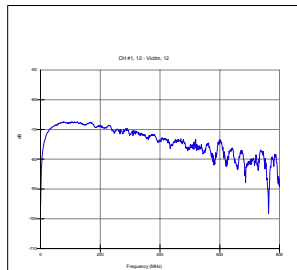
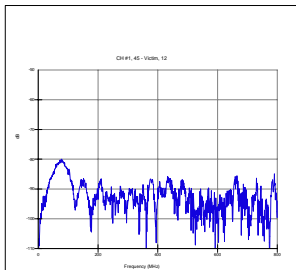
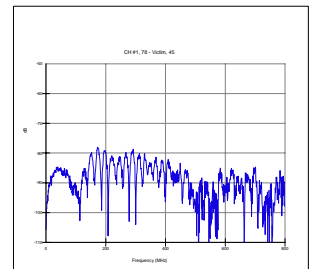
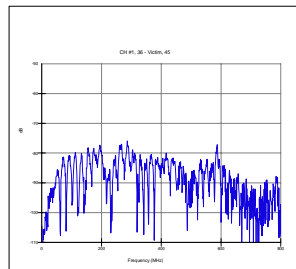
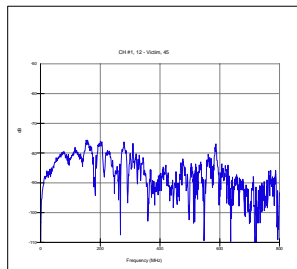
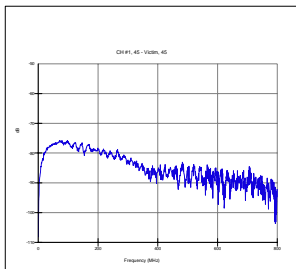
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





AFEXT - Near End

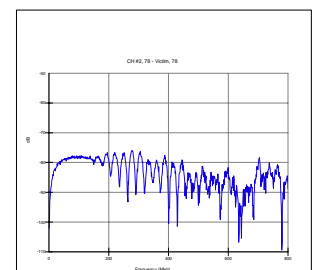
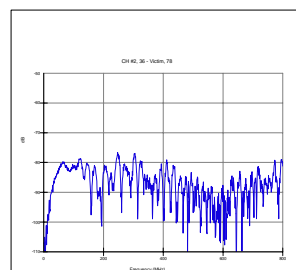
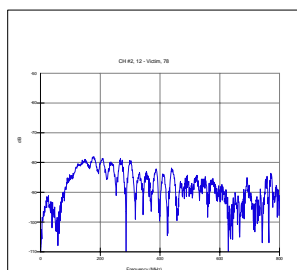
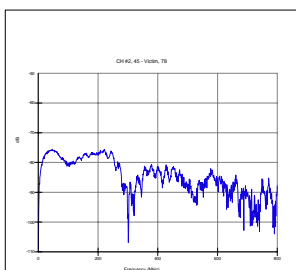
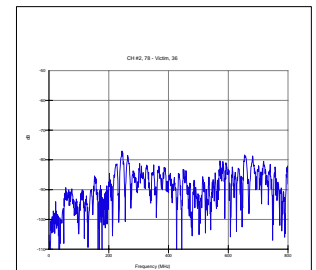
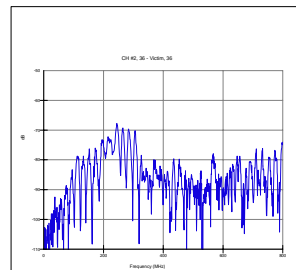
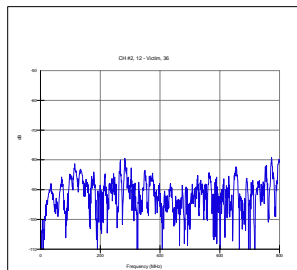
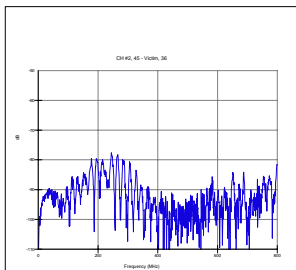
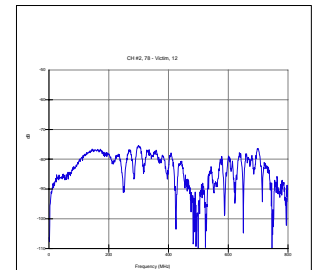
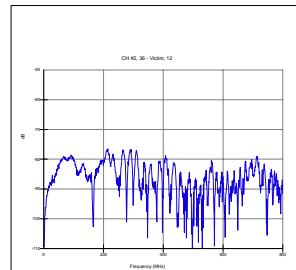
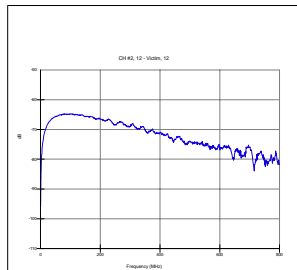
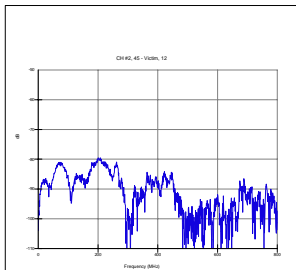
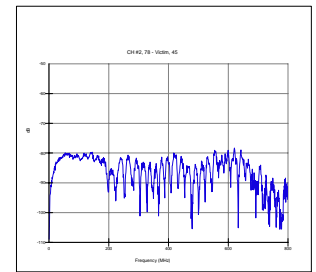
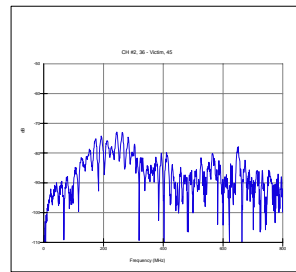
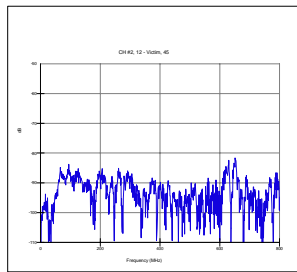
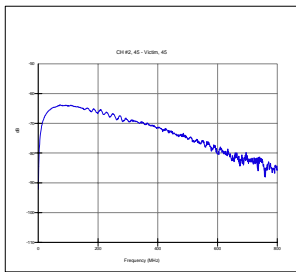
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





AFEXT - Near End

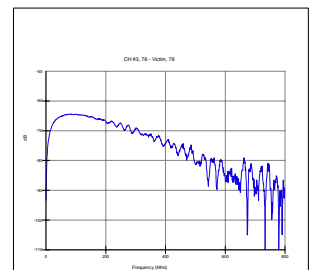
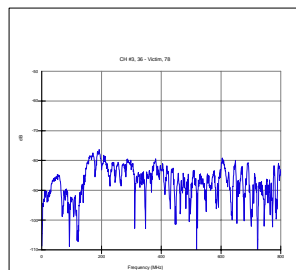
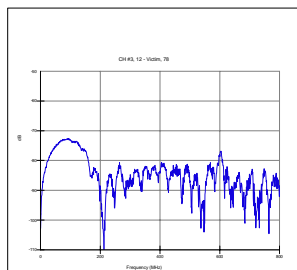
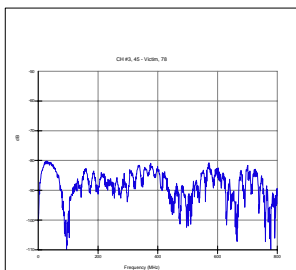
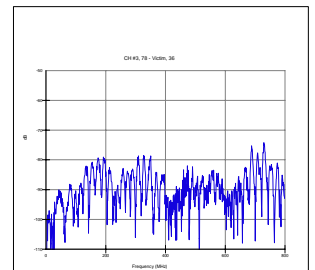
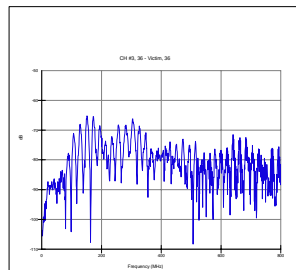
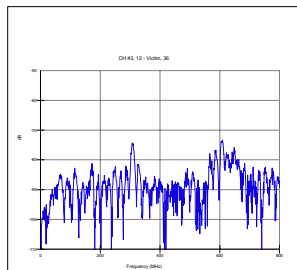
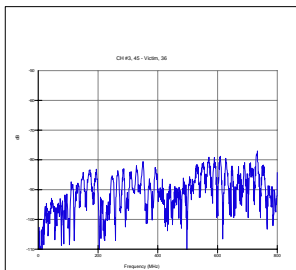
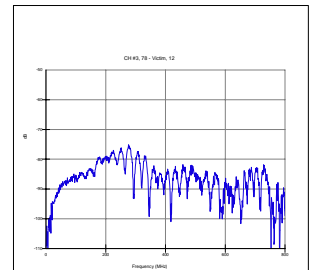
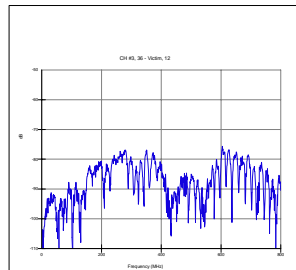
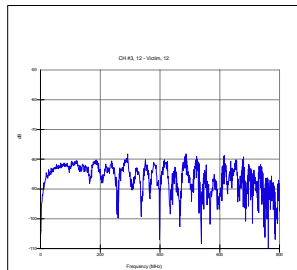
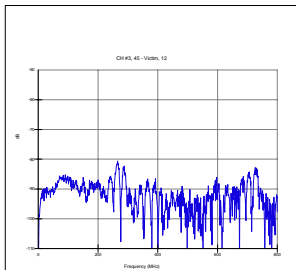
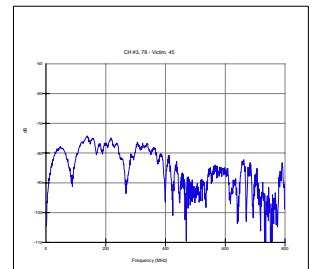
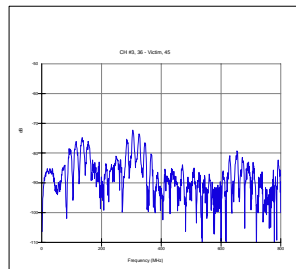
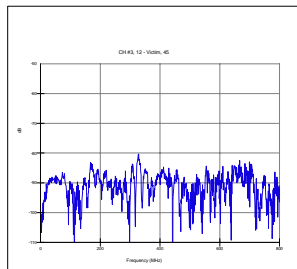
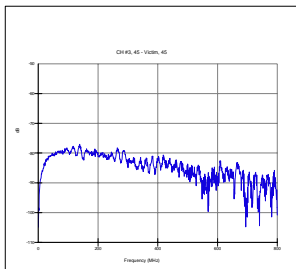
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





AFEXT - Near End

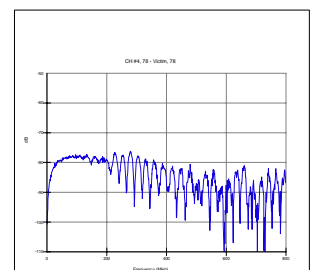
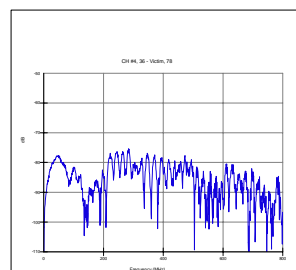
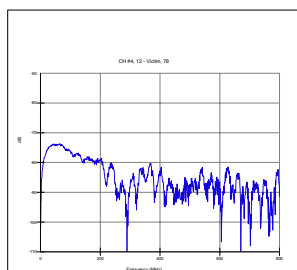
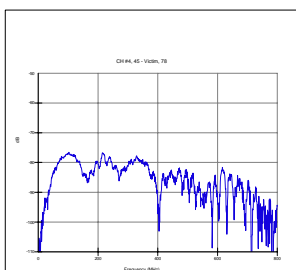
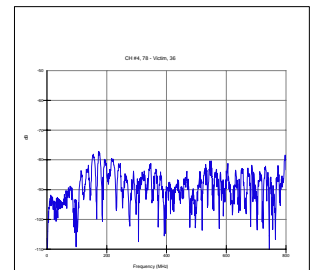
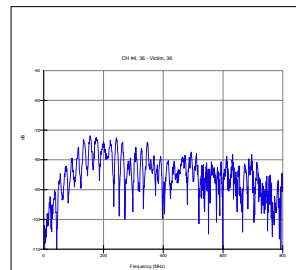
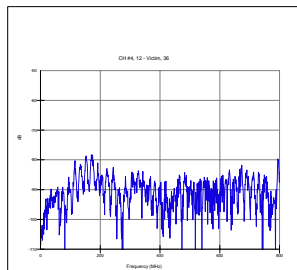
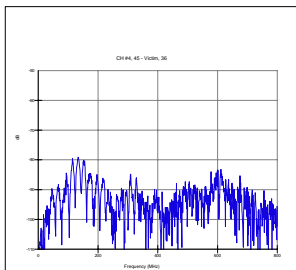
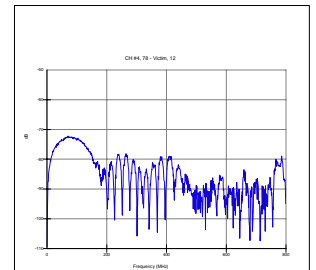
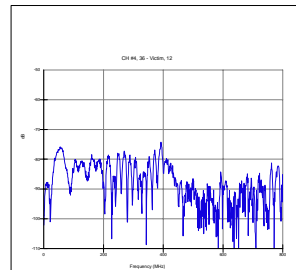
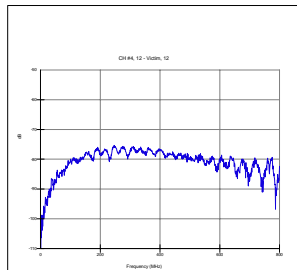
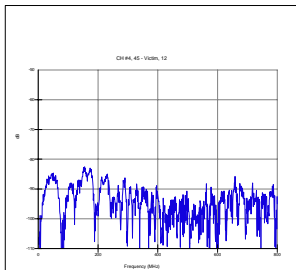
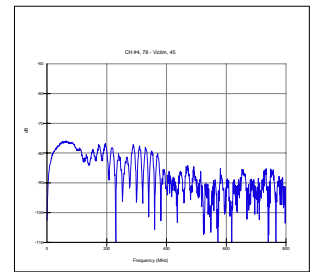
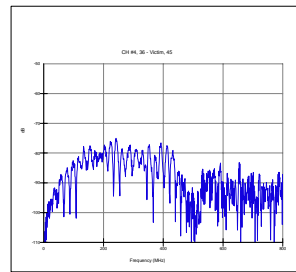
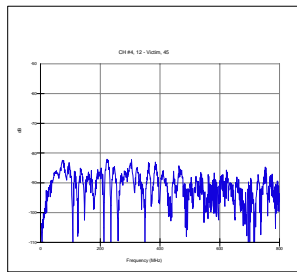
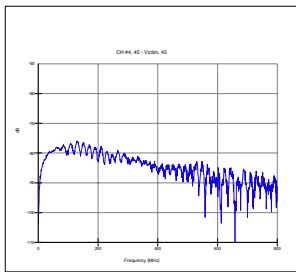
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





AFEXT - Near End

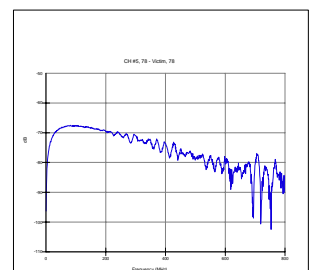
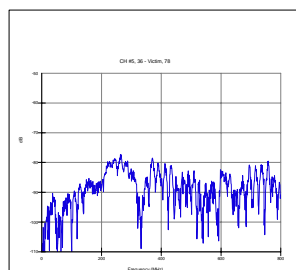
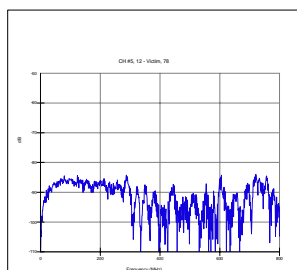
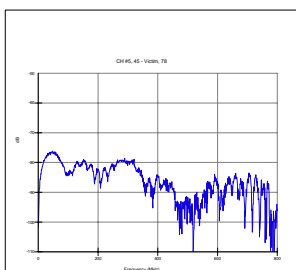
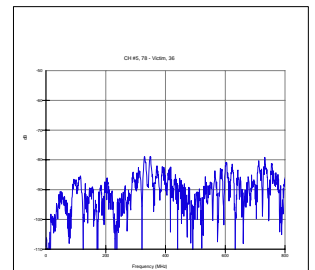
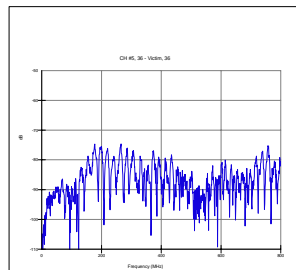
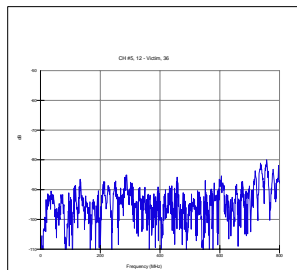
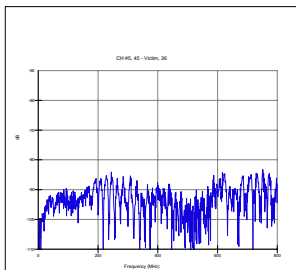
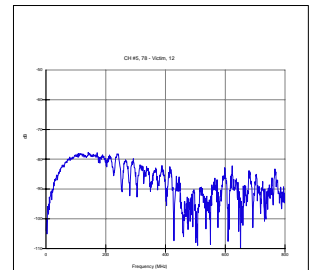
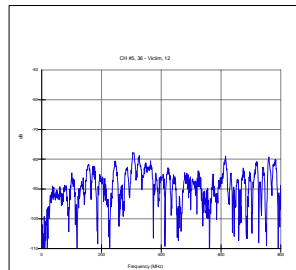
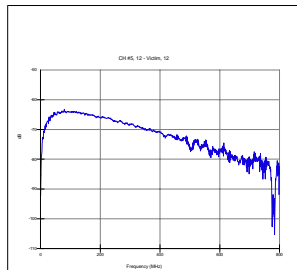
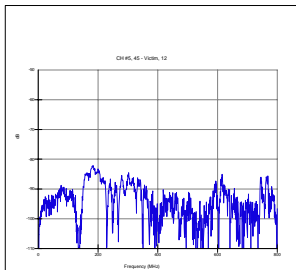
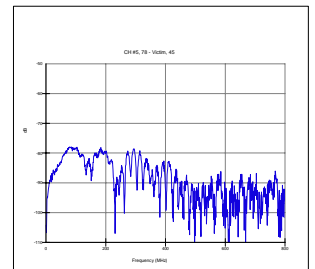
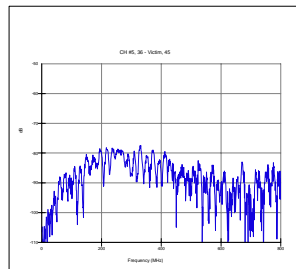
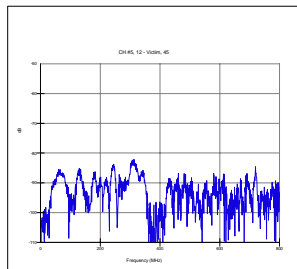
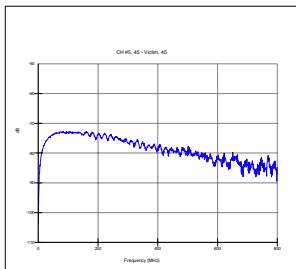
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





AFEXT - Near End

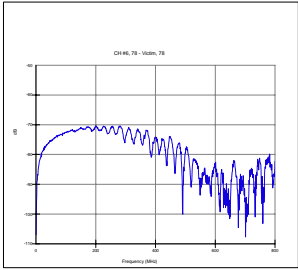
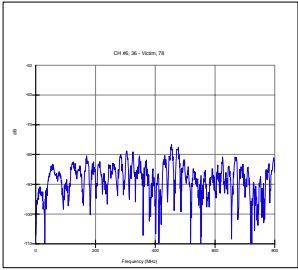
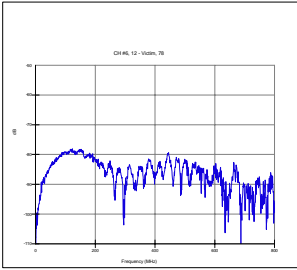
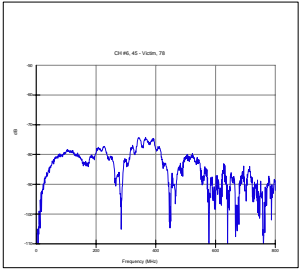
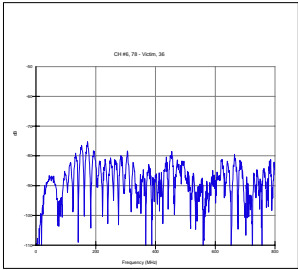
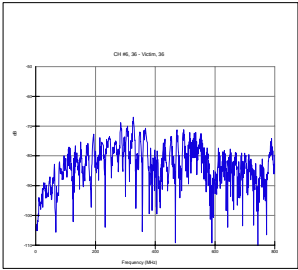
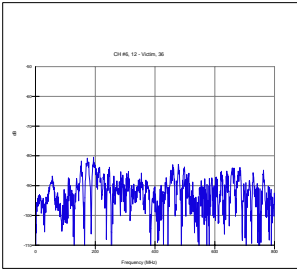
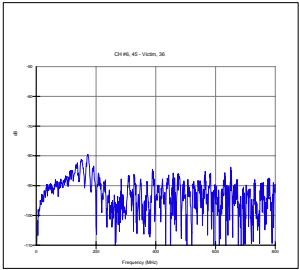
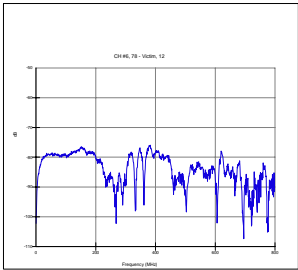
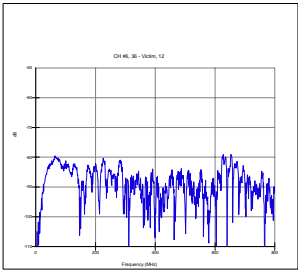
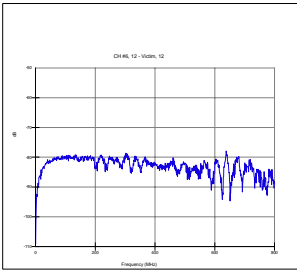
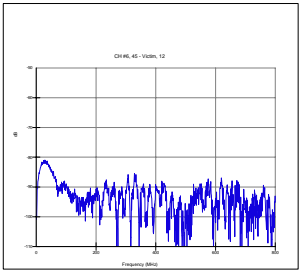
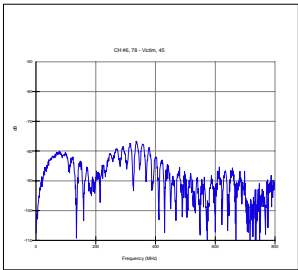
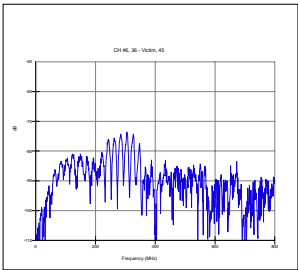
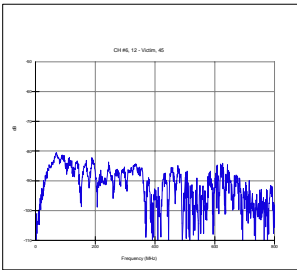
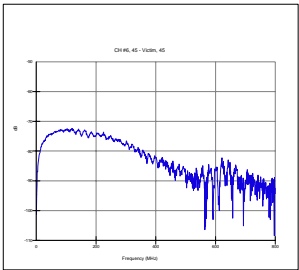
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





AFEXT - Near End

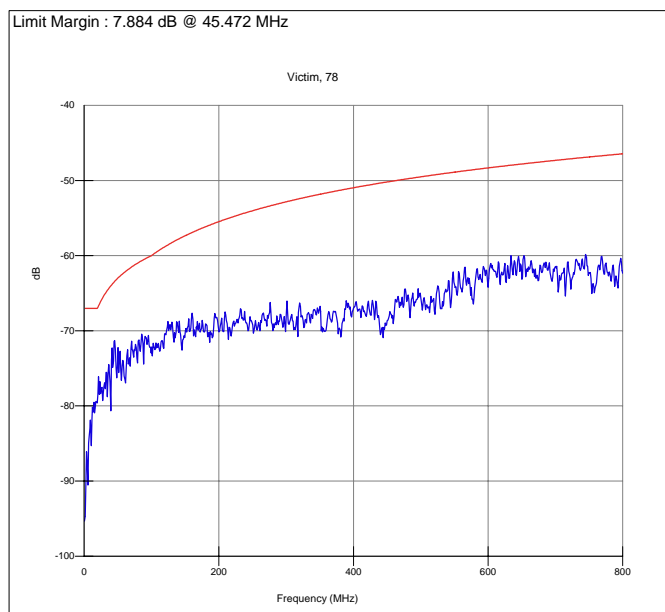
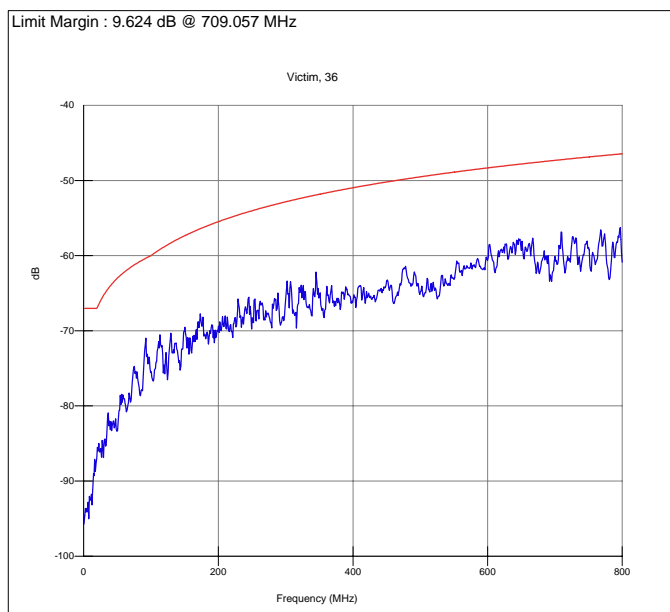
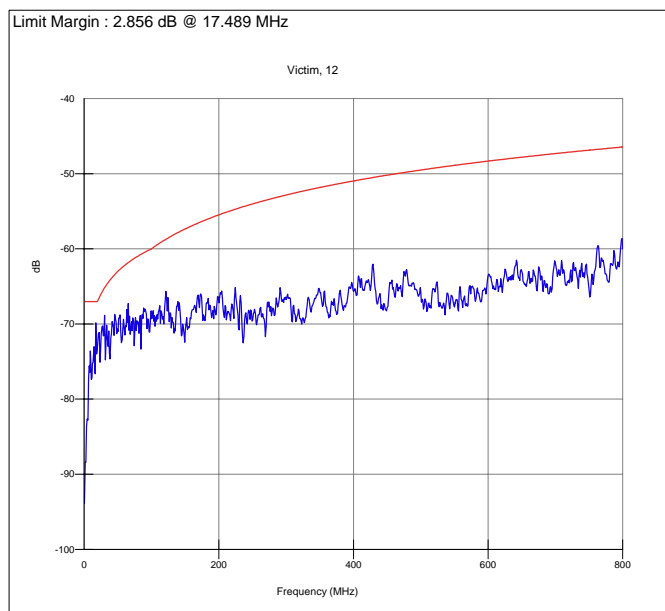
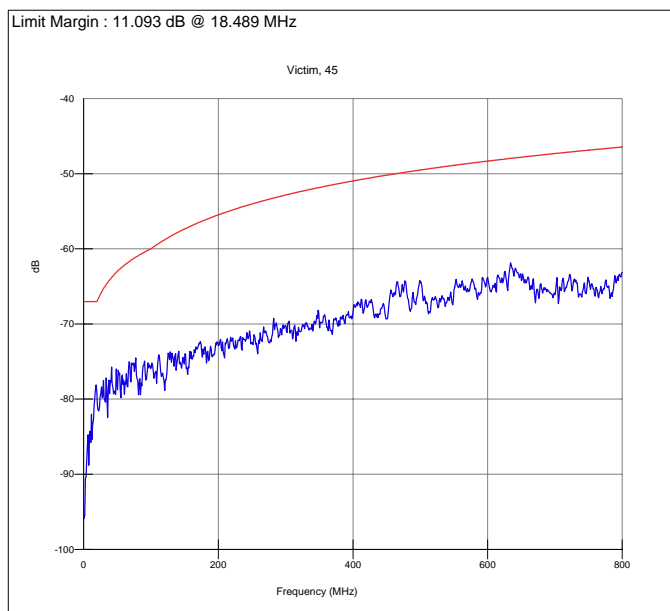
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





PSANEXT - Near End

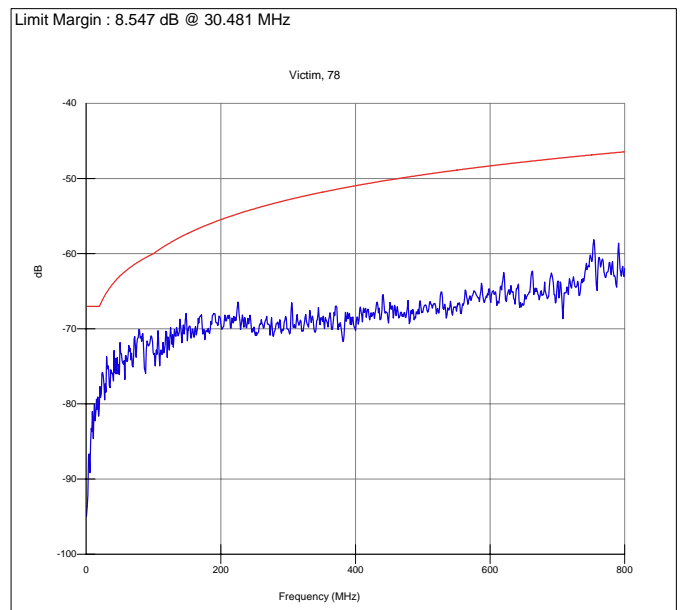
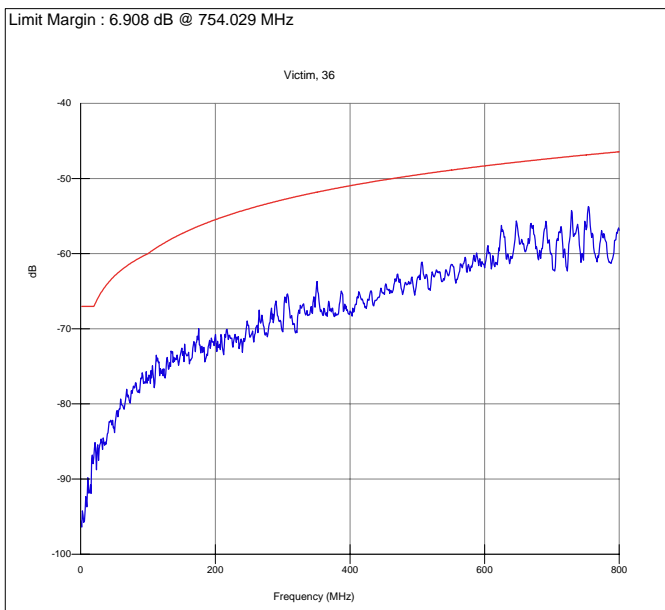
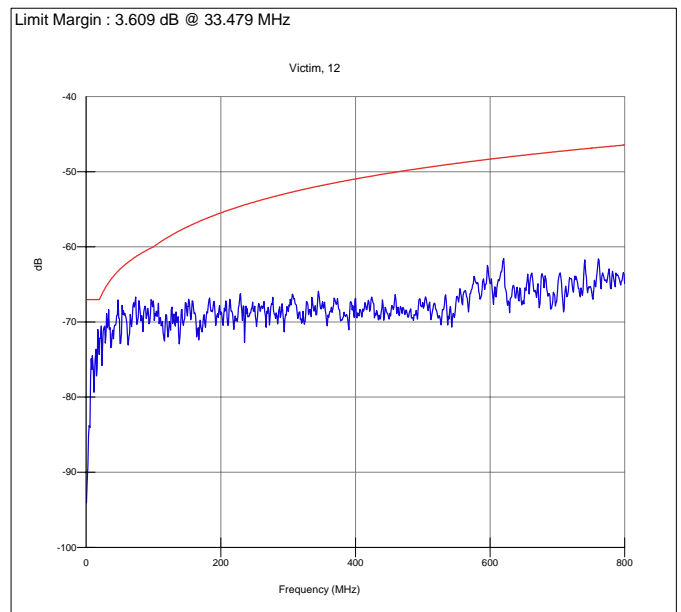
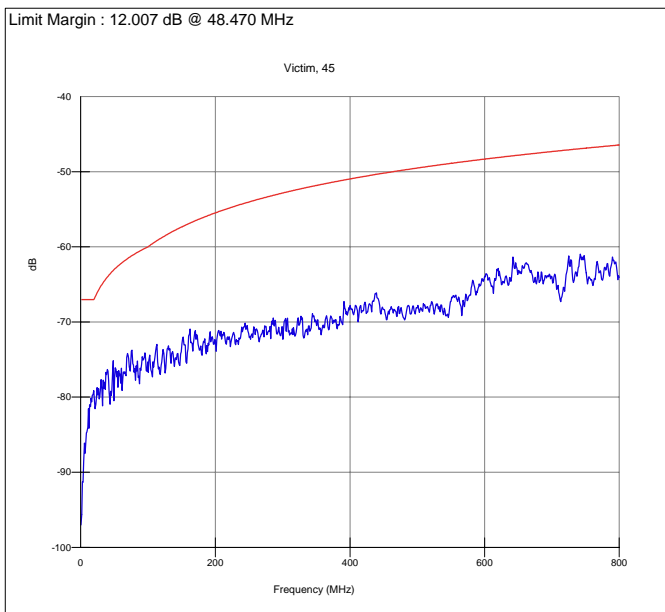
Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





PSANEXT - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

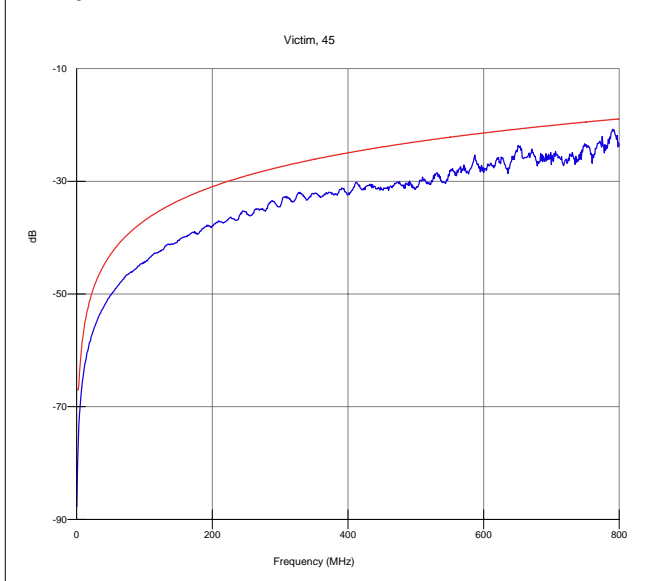




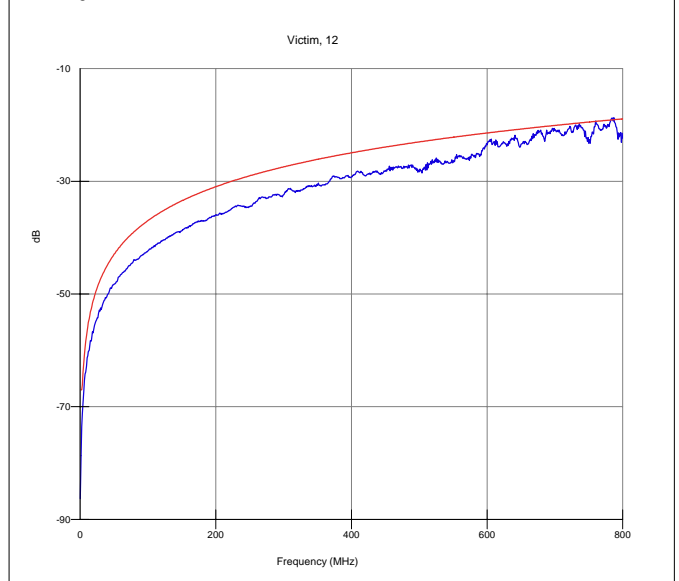
PSAACRF (PSAELFEXT) - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

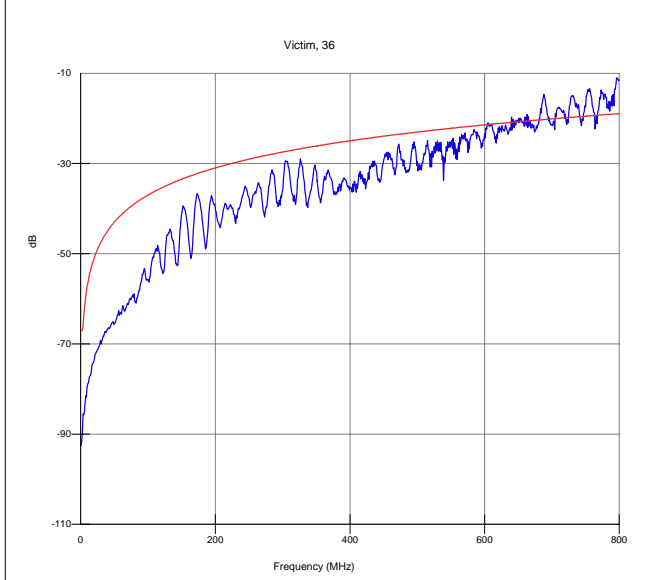
Limit Margin : 5.486 dB @ 306.309 MHz



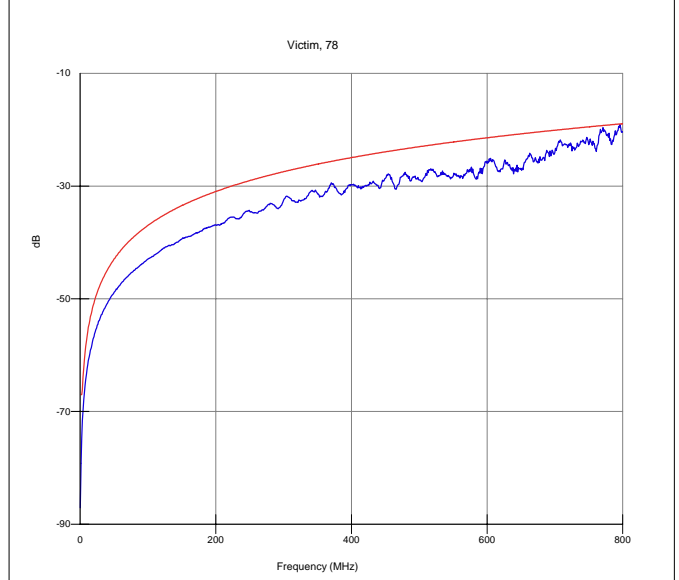
Limit Margin : 3.434 dB @ 409.244 MHz



Limit Margin : 2.041 dB @ 304.310 MHz



Limit Margin : 4.473 dB @ 304.310 MHz

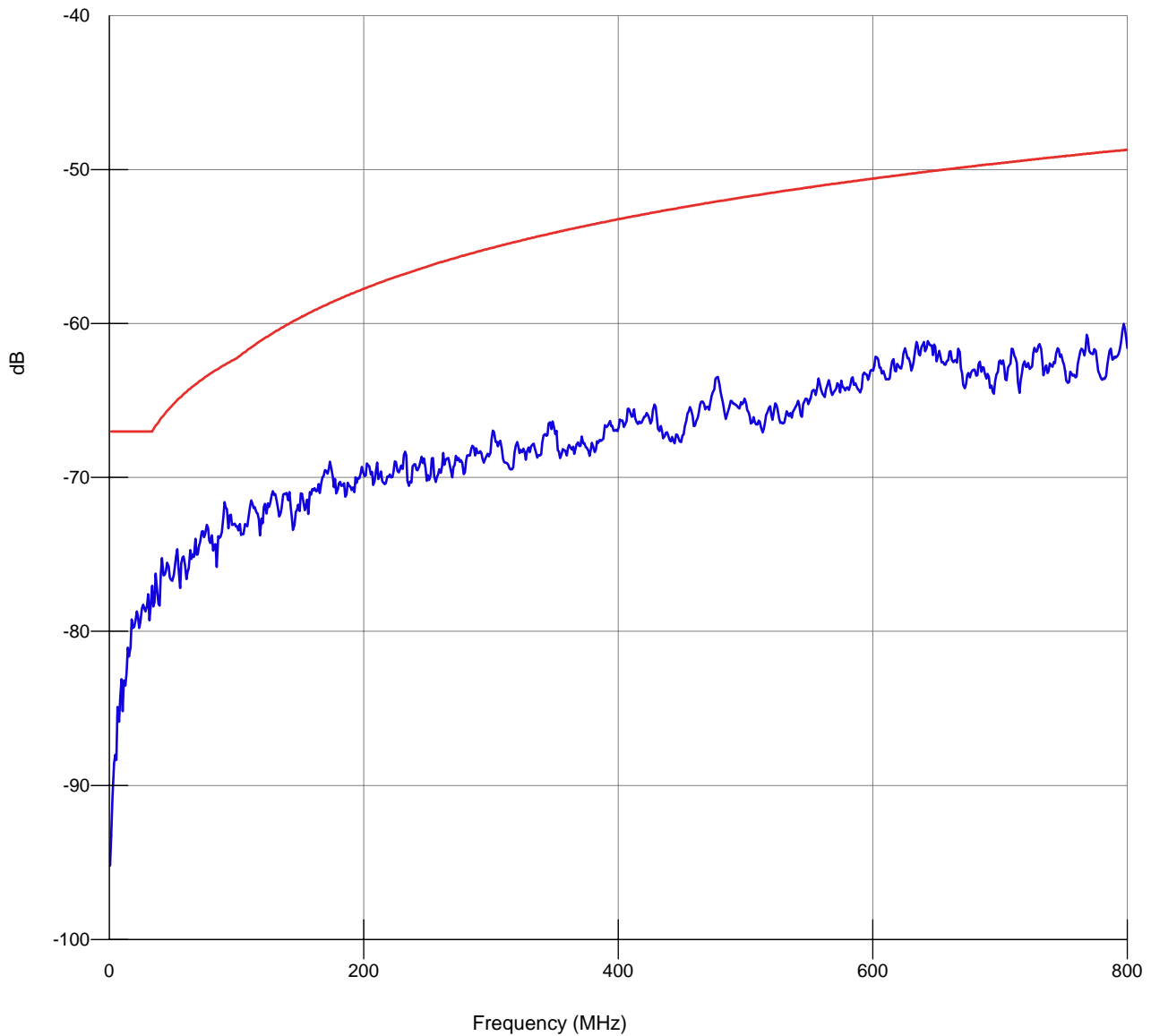




Average PSANEXT - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

Limit Margin : 8.908 dB @ 90.444 MHz

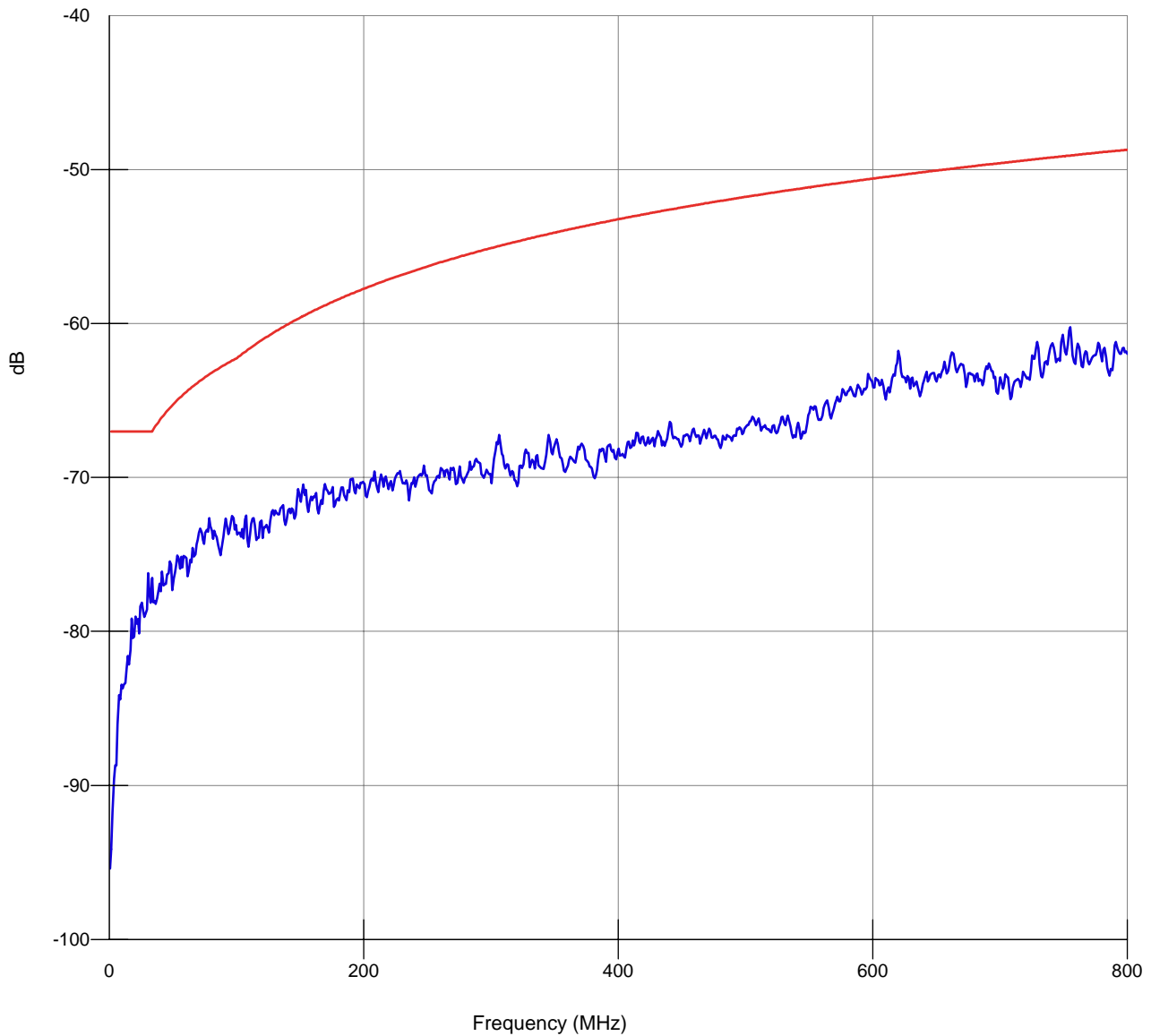




Average PSANEXT - Far End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

Limit Margin : 9.230 dB @ 30.481 MHz





Average PSAACRF (PSAELFEXT) - Near End

Client	Schneider Electric India	Report No	102207890CRT-002b
Specification	ISO-IEC 11801 Class Ea Channel (800 MHz)		
Part No	ACTTG4P6AUCM3RBU_E	Length(m)	98.
Test Started	9/3/2015 12:49:19 PM	Temperature	22 °C
Description	2 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

Limit Margin : 0.106 dB @ 304.310 MHz

