

October 20, 2015

Test report number 102045223CRT-002a
Project number 102045223-311

Nexxt Solutions LLC
3505 NW 107th Avenue
Miami, FL 33178
USA

TEST:

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

STANDARD USED:

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

SECTION:

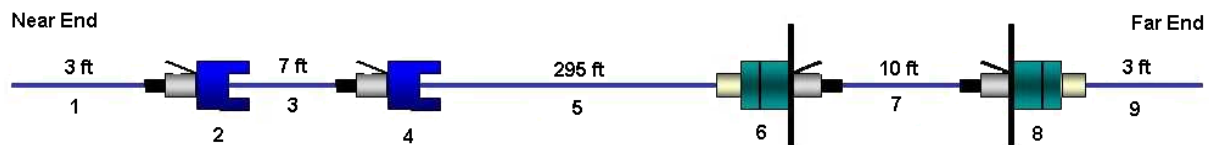
6.2: Channel transmission performance (6.2.1 to 6.2.26)

AUTHORIZATION:

The project was authorized by Mr. Oscar Zarraga, representing the client, Nexxt Solutions LLC, with signed quotation number 500583705.

SAMPLE DESCRIPTION:

An Intertek representative randomly selected a 4-connector channel as illustrated below. The sample were received on October 20, 2015 and were production samples in good condition.



Component Id	Manufacturer	Description	Part number
1, 9	Nexxt Solutions	Equipment Cord, 3 ft	PCGPCC6LZ03GR
2	Nexxt Solutions	Wall Outlet / Face Plate	AW120NXT11 / AW160NXT01
3	Nexxt Solutions	Patch Cord, 7 ft	PCGPCC6LZ07GR
4	Nexxt Solutions	Wall Outlet / Face Plate	AW120NXT12 / AW160NXT01
5	Nexxt Solutions	UTP LSZH Horizontal Cable	PCGUCC6LZGR
6	Nexxt Solutions	Wall Outlet / Patch Panel	AW120NXT11 / AW192NXT40
7	Nexxt Solutions	Cross Connect Cord, 10 ft	PCGPCC6LZ10GR
8	Nexxt Solutions	Wall Outlet / Patch Panel	AW120NXT12 / AW192NXT41

**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	N967	9/15/2015	9/15/2016
Temperature humidity meter	OM-EL-USB-2-LCD	H243	1/22/2015	1/22/2016

DATE OF TEST:

October 20, 2015

TEST REPORT REVISION HISTORY:

First Issue: October 20, 2015 Original Document

RESULTS: See appendixes A through C 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



Appendix A

First sample test results

This appendix contains 39 pages.



Low Frequency Report

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

DC Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
7.5565	7.3389	7.6570	7.2652	
7.6796	7.2757	7.6700	7.3218	

Resistance Unbalanced (%)				
45	12	36	78	Limit (%)
0.81	0.43	0.09	0.39	3.00

Resistance Unbalanced Pair-Pair (%)						
45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78	Limit (%)
2.08	0.30	2.17	2.38	0.09	2.47	

DC Loop Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
15.2370	14.6160	15.3230	14.5900	25.0000



Insertion Loss

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

Insertion Loss (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-2.16	-1.80	-1.79	-1.80	-1.78
4.	-4.02	-3.58	-3.57	-3.61	-3.51
8.	-5.66	-5.06	-5.05	-5.12	-4.96
10.	-6.34	-5.67	-5.65	-5.75	-5.56
16.	-8.05	-7.16	-7.13	-7.28	-7.02
20.	-9.03	-8.02	-7.97	-8.14	-7.86
25.	-10.14	-9.00	-8.94	-9.13	-8.81
31.25	-11.40	-10.09	-10.01	-10.27	-9.88
62.5	-16.48	-14.44	-14.25	-14.75	-14.06
100.	-21.31	-18.51	-18.29	-18.81	-18.14
155.	-27.26	-23.04	-22.96	-23.72	-22.69
200.	-31.57	-27.27	-26.44	-27.08	-25.89
250.	-35.98	-29.77	-29.58	-30.78	-29.55



NEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 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.	-65.00	-87.02	-73.83	-89.97	-81.49	-98.94	-89.43
4.	-63.04	-86.64	-66.69	-88.31	-69.70	-91.50	-86.55
8.	-58.16	-84.95	-72.54	-74.35	-65.57	-78.12	-71.00
10.	-56.58	-79.05	-66.59	-76.99	-63.87	-84.42	-73.94
16.	-53.23	-75.73	-62.28	-81.76	-62.48	-77.36	-67.86
20.	-51.63	-71.79	-65.47	-79.63	-67.11	-74.95	-65.11
25.	-50.03	-66.50	-60.58	-68.57	-68.69	-69.87	-62.72
31.25	-48.42	-69.56	-57.81	-82.78	-58.30	-70.25	-60.33
62.5	-43.38	-58.35	-52.98	-80.89	-51.40	-61.69	-59.46
100.	-39.93	-53.72	-47.28	-51.48	-43.50	-65.47	-48.57
155.	-36.68	-51.03	-48.93	-49.08	-39.30	-60.30	-44.45
200.	-34.78	-46.46	-52.75	-40.90	-38.07	-54.15	-37.70
250.	-33.11	-45.17	-43.14	-39.21	-36.77	-54.35	-36.15



NEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 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.	-65.00	-89.75	-73.99	-86.09	-84.34	-110.57	-95.12
4.	-63.04	-89.03	-66.30	-74.60	-75.39	-94.61	-84.65
8.	-58.16	-79.91	-71.12	-66.78	-76.78	-80.06	-74.22
10.	-56.58	-78.34	-69.51	-66.52	-69.16	-82.37	-76.61
16.	-53.23	-82.01	-76.79	-64.77	-65.83	-95.78	-80.03
20.	-51.63	-68.23	-63.75	-62.06	-65.06	-80.59	-86.91
25.	-50.03	-65.26	-54.88	-57.90	-61.88	-75.19	-70.69
31.25	-48.42	-72.72	-52.06	-55.84	-60.78	-72.91	-68.27
62.5	-43.38	-58.77	-44.86	-49.58	-53.42	-72.55	-58.87
100.	-39.93	-55.95	-45.27	-44.51	-53.54	-62.99	-52.79
155.	-36.68	-53.60	-45.21	-42.00	-51.57	-56.42	-56.91
200.	-34.78	-45.68	-36.68	-38.47	-46.04	-53.96	-43.28
250.	-33.11	-57.87	-38.93	-42.48	-48.64	-49.59	-44.42



PSNEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSNEXT - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-73.52	-80.35	-73.07	-84.24
4.	-60.55	-66.60	-69.57	-65.23	-76.31
8.	-55.60	-69.92	-65.28	-63.95	-66.39
10.	-53.99	-65.88	-63.69	-61.98	-66.70
16.	-50.59	-61.98	-62.11	-59.77	-64.37
20.	-48.97	-64.22	-65.31	-64.29	-67.08
25.	-47.34	-59.06	-63.24	-61.18	-60.80
31.25	-45.71	-57.51	-57.70	-55.01	-59.77
62.5	-40.59	-51.84	-50.27	-50.21	-51.74
100.	-37.08	-45.22	-43.08	-41.29	-44.35
155.	-33.78	-44.81	-38.99	-38.00	-40.13
200.	-31.85	-39.61	-37.39	-35.22	-35.33
250.	-30.15	-37.01	-36.12	-32.77	-33.03



PSNEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSNEXT - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-73.51	-82.38	-73.52	-85.49
4.	-60.55	-65.64	-75.12	-65.72	-74.06
8.	-55.60	-65.14	-73.78	-68.55	-65.89
10.	-53.99	-64.42	-68.20	-65.77	-66.01
16.	-50.59	-64.41	-65.72	-65.14	-64.62
20.	-48.97	-59.06	-63.17	-61.19	-61.88
25.	-47.34	-52.86	-60.10	-53.99	-57.59
31.25	-45.71	-50.51	-60.25	-51.38	-55.52
62.5	-40.59	-43.47	-52.26	-44.14	-49.06
100.	-37.08	-41.69	-51.26	-44.04	-43.85
155.	-33.78	-40.11	-48.64	-44.08	-41.72
200.	-31.85	-34.16	-42.52	-35.42	-37.14
250.	-30.15	-37.30	-45.80	-37.50	-39.84



ACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 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.	62.84	85.23	72.03	88.19	79.70	97.16	87.65
4.	59.02	83.08	63.07	84.80	66.09	87.99	83.04
8.	52.49	79.91	67.42	69.39	60.45	73.16	66.04
10.	50.24	73.40	60.84	71.43	58.13	78.86	68.38
16.	45.18	68.60	55.01	74.74	55.20	70.34	60.84
20.	42.60	63.82	57.33	71.77	58.97	67.09	57.25
25.	39.89	57.56	51.45	59.76	59.56	61.06	53.91
31.25	37.02	59.55	47.54	72.90	48.03	60.36	50.45
62.5	26.89	44.10	38.23	66.83	36.65	47.63	45.40
100.	18.61	35.42	28.47	33.33	24.69	47.33	30.43
155.	9.42	28.07	25.20	26.39	15.58	37.61	21.76
200.	3.22	20.03	25.68	15.01	10.99	28.26	11.81
250.	-2.87	15.60	12.36	9.65	5.99	24.79	6.60



ACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 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.	62.84	87.96	72.17	84.30	82.52	108.78	93.34
4.	59.02	85.46	62.67	71.09	71.76	91.09	81.14
8.	52.49	74.86	65.98	61.82	71.64	75.09	69.26
10.	50.24	72.69	63.75	60.96	63.40	76.82	71.05
16.	45.18	74.88	69.49	57.75	58.53	88.76	73.01
20.	42.60	60.25	55.58	54.20	56.88	72.73	79.05
25.	39.89	56.31	45.73	49.09	52.72	66.38	61.87
31.25	37.02	62.71	41.77	45.96	50.50	63.03	58.39
62.5	26.89	44.40	30.15	35.43	38.71	58.40	44.72
100.	18.61	37.66	26.42	26.40	34.69	44.88	34.68
155.	9.42	30.67	21.53	19.36	27.88	33.77	34.27
200.	3.22	19.42	9.48	12.65	18.84	28.13	17.45
250.	-2.87	28.31	8.16	12.97	17.86	20.07	14.90



PSACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSACR - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.84	71.71	78.56	71.19	84.60
4.	56.52	63.02	66.01	61.28	80.04
8.	49.93	64.87	60.23	58.62	63.80
10.	47.66	60.21	58.04	55.95	66.35
16.	42.54	54.82	54.98	51.52	60.17
20.	39.94	56.20	57.34	52.56	56.60
25.	37.20	50.07	54.30	48.91	52.28
31.25	34.31	47.42	47.69	43.59	49.99
62.5	24.10	37.40	36.02	33.96	43.31
100.	15.77	26.71	24.79	22.31	28.57
155.	6.52	21.77	16.02	14.07	20.39
200.	0.29	12.35	10.95	7.73	10.05
250.	-5.83	7.24	6.54	2.22	4.81



PSACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSACR - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.84	71.70	80.58	71.70	83.70
4.	56.52	62.05	71.55	62.09	70.55
8.	49.93	60.07	68.74	63.41	60.93
10.	47.66	58.75	62.55	60.01	60.45
16.	42.54	57.23	58.60	57.85	57.60
20.	39.94	51.03	55.20	53.02	54.02
25.	37.20	43.86	51.15	44.83	48.77
31.25	34.31	40.41	50.24	41.10	45.63
62.5	24.10	28.99	37.89	29.43	34.91
100.	15.77	23.26	32.97	25.19	25.74
155.	6.52	16.92	25.71	20.39	19.07
200.	0.29	6.74	16.26	8.23	11.31
250.	-5.83	7.34	16.24	6.73	10.33



FEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 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.	-82.10	-66.48	-74.53	-82.44	-83.86	-100.75	-66.45	-84.08	-91.96	-74.51	-100.81	-94.42
4.	-73.11	-56.95	-64.27	-72.46	-72.57	-89.24	-56.82	-73.73	-83.13	-64.36	-90.26	-81.23
8.	-68.00	-53.00	-60.19	-68.14	-67.77	-87.00	-52.85	-68.45	-77.65	-60.17	-87.03	-76.98
10.	-66.94	-51.92	-59.10	-67.02	-66.29	-83.41	-51.77	-67.02	-76.30	-59.26	-84.06	-75.91
16.	-64.52	-49.75	-57.75	-64.82	-66.17	-81.61	-49.79	-67.32	-75.38	-57.89	-82.15	-75.13
20.	-64.32	-49.05	-58.01	-64.08	-66.98	-81.41	-49.20	-68.49	-78.72	-58.26	-82.35	-75.25
25.	-63.14	-48.59	-59.17	-63.38	-68.55	-81.81	-48.93	-71.34	-77.16	-59.46	-81.12	-72.64
31.25	-62.37	-48.76	-61.69	-62.49	-66.13	-78.06	-48.97	-65.38	-67.58	-62.72	-75.03	-69.17
62.5	-58.50	-62.59	-54.92	-58.83	-55.22	-80.71	-56.06	-55.50	-63.18	-54.78	-71.54	-60.97
100.	-58.43	-47.71	-59.20	-54.94	-60.86	-74.32	-47.38	-61.73	-58.85	-60.67	-64.61	-55.71
155.	-70.08	-45.56	-50.88	-66.58	-65.75	-64.37	-46.59	-68.45	-63.26	-52.90	-65.77	-64.32
200.	-64.75	-57.60	-60.38	-62.73	-62.60	-68.19	-57.13	-60.19	-68.69	-62.22	-60.50	-61.40
250.	-60.25	-49.77	-60.07	-62.63	-59.83	-64.21	-50.16	-57.38	-65.56	-57.99	-62.01	-71.22



ACRF (ELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 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.	-63.09	-80.31	-64.68	-72.75	-80.64	-82.06	-98.97	-64.65	-82.30	-90.18	-72.70	-99.03	-92.62
4.	-51.22	-69.55	-53.34	-60.76	-68.89	-68.96	-85.73	-53.25	-70.17	-79.62	-60.78	-86.69	-77.62
8.	-45.20	-62.95	-47.88	-55.23	-63.08	-62.65	-82.04	-47.79	-63.41	-72.69	-55.11	-81.99	-71.86
10.	-43.26	-61.29	-46.17	-53.54	-61.35	-60.54	-77.85	-46.10	-61.38	-70.74	-53.59	-78.41	-70.16
16.	-39.18	-57.39	-42.48	-50.73	-57.66	-58.89	-74.58	-42.63	-60.19	-68.36	-50.73	-75.03	-67.85
20.	-37.24	-56.34	-40.91	-50.15	-56.06	-58.84	-73.55	-41.18	-60.52	-70.86	-50.24	-74.38	-67.11
25.	-35.30	-54.20	-39.46	-50.36	-54.38	-59.42	-73.00	-39.93	-62.40	-68.36	-50.47	-72.18	-63.51
31.25	-33.36	-52.36	-38.50	-51.80	-52.40	-55.86	-68.17	-38.88	-55.37	-57.69	-52.63	-65.02	-58.91
62.5	-27.34	-44.25	-47.84	-40.87	-44.39	-40.47	-66.65	-41.62	-41.25	-49.12	-40.34	-57.29	-46.22
100.	-23.26	-40.13	-28.90	-41.05	-36.42	-42.05	-56.18	-28.86	-43.43	-40.71	-42.15	-46.32	-36.90
155.	-19.45	-47.12	-21.84	-28.19	-43.54	-42.02	-41.68	-23.55	-45.49	-40.57	-29.86	-42.81	-40.59
200.	-17.24	-38.31	-30.53	-34.49	-35.46	-35.52	-42.30	-29.86	-33.75	-42.80	-34.96	-34.06	-34.32
250.	-15.30	-30.67	-18.99	-30.52	-32.86	-29.05	-34.66	-20.39	-27.81	-36.01	-28.22	-32.43	-40.44



PSFEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSFEXT - Near End (dB)				
Freq (MHz)	45	12	36	78
1.	-65.75	-80.00	-66.36	-74.42
4.	-56.12	-69.46	-56.73	-64.26
8.	-52.13	-64.91	-52.72	-60.07
10.	-51.05	-63.58	-51.63	-59.15
16.	-48.99	-62.38	-49.70	-57.79
20.	-48.42	-62.23	-49.14	-58.16
25.	-48.09	-62.18	-48.90	-59.23
31.25	-48.37	-60.84	-48.82	-61.63
62.5	-52.85	-53.64	-52.38	-53.77
100.	-47.08	-53.91	-46.93	-54.10
155.	-44.43	-60.69	-46.47	-52.39
200.	-55.24	-59.08	-55.19	-56.54
250.	-49.04	-57.06	-49.30	-56.40



PSACRF (PSELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

PSACRF (PSELFEXT) - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-60.09	-63.95	-78.22	-64.56	-72.65
4.	-48.22	-52.55	-65.89	-53.11	-60.75
8.	-42.20	-47.07	-59.87	-47.59	-55.11
10.	-40.26	-45.38	-57.94	-45.88	-53.59
16.	-36.18	-41.83	-55.25	-42.43	-50.77
20.	-34.24	-40.40	-54.25	-41.00	-50.29
25.	-32.30	-39.09	-53.24	-39.77	-50.42
31.25	-30.36	-38.28	-50.83	-38.55	-51.75
62.5	-24.34	-38.42	-39.39	-37.63	-39.71
100.	-20.26	-28.57	-35.61	-28.12	-35.96
155.	-16.45	-21.39	-37.73	-22.74	-29.70
200.	-14.24	-27.98	-32.64	-28.11	-30.65
250.	-12.30	-19.27	-27.49	-18.52	-26.85



Return Loss - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

Return Loss - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-40.11	-38.00	-33.92	-43.25
4.	-19.00	-44.85	-43.50	-41.94	-42.19
8.	-19.00	-47.89	-37.26	-37.29	-36.54
10.	-18.98	-38.84	-31.99	-29.63	-38.62
16.	-17.98	-50.12	-56.27	-27.40	-48.26
20.	-17.50	-40.59	-39.96	-29.78	-35.52
25.	-17.01	-35.46	-33.92	-49.93	-37.81
31.25	-16.53	-46.57	-34.01	-41.97	-37.99
62.5	-14.04	-45.36	-27.20	-32.44	-40.97
100.	-12.00	-63.94	-33.41	-45.08	-30.53
155.	-10.10	-31.69	-28.47	-36.17	-25.56
200.	-8.99	-26.28	-20.77	-31.98	-21.45
250.	-8.02	-19.24	-21.41	-54.99	-42.49



Return Loss - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

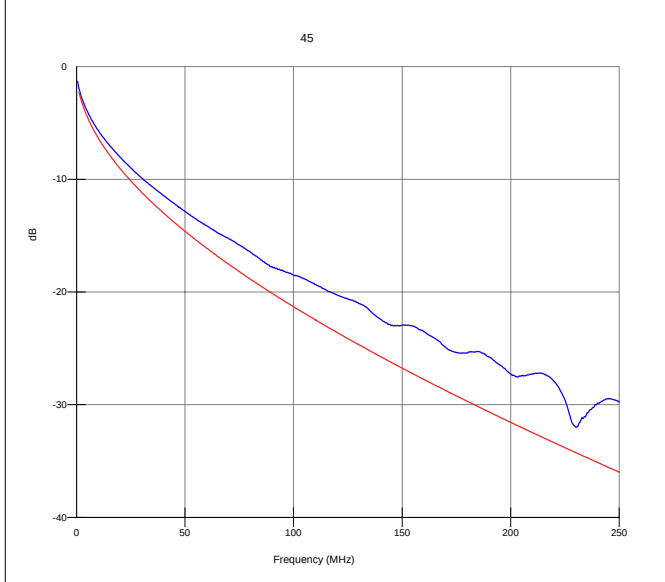
Return Loss - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-37.54	-39.70	-34.75	-37.84
4.	-19.00	-38.87	-35.61	-49.18	-37.02
8.	-19.00	-33.93	-29.55	-31.30	-32.73
10.	-18.98	-33.04	-28.46	-27.74	-30.14
16.	-17.98	-35.91	-32.67	-30.58	-38.31
20.	-17.50	-44.55	-38.83	-38.65	-33.50
25.	-17.01	-50.77	-47.82	-54.50	-37.14
31.25	-16.53	-39.50	-37.00	-27.43	-37.49
62.5	-14.04	-52.84	-30.53	-26.61	-30.88
100.	-12.00	-24.56	-27.95	-33.85	-23.03
155.	-10.10	-24.38	-51.37	-29.04	-25.11
200.	-8.99	-19.57	-40.16	-41.50	-25.06
250.	-8.02	-43.35	-31.77	-44.44	-21.12



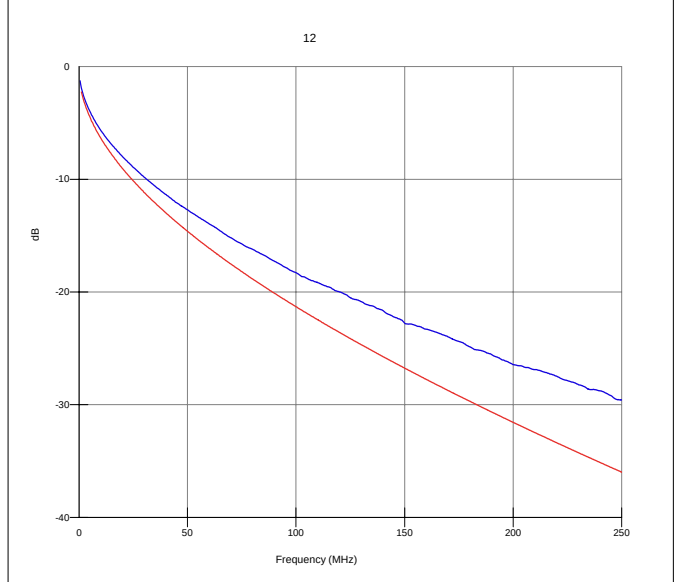
Insertion Loss

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	97.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:11:54 PM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

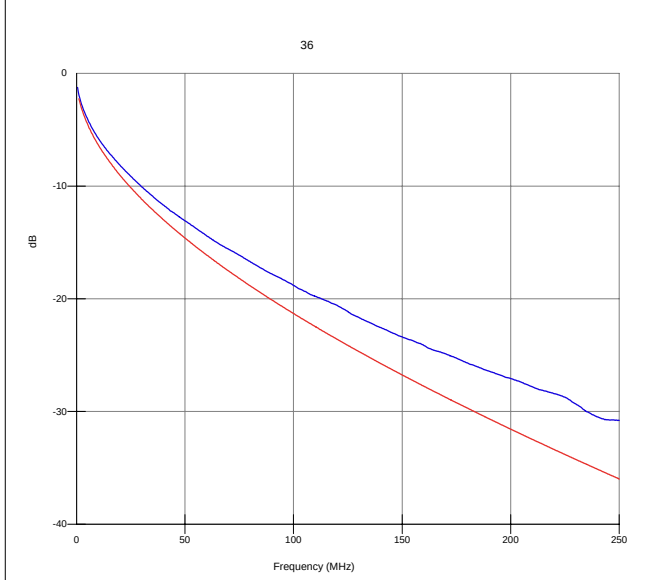
Limit Margin : 0.339 dB @ 1.124 MHz



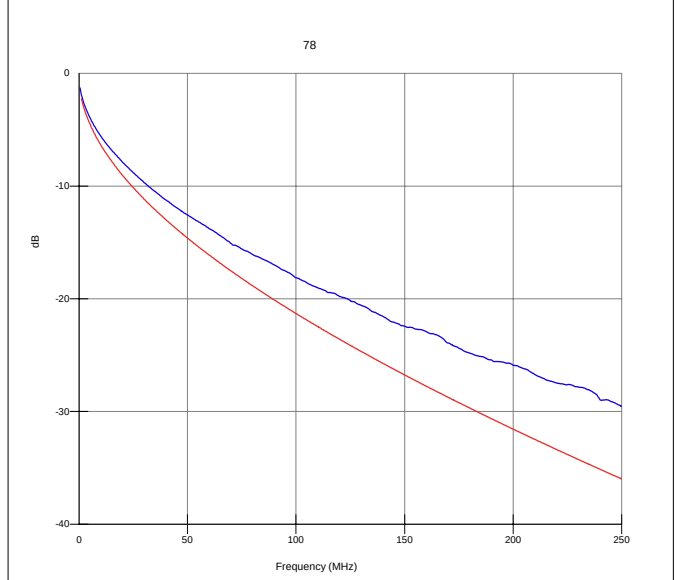
Limit Margin : 0.351 dB @ 1.124 MHz



Limit Margin : 0.334 dB @ 1.124 MHz



Limit Margin : 0.357 dB @ 1.124 MHz

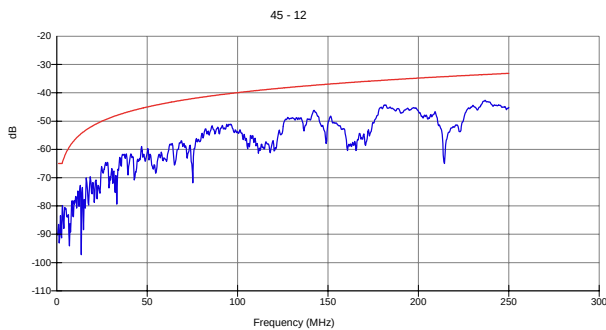




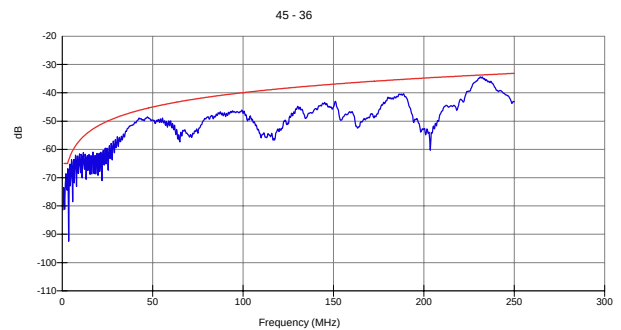
NEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

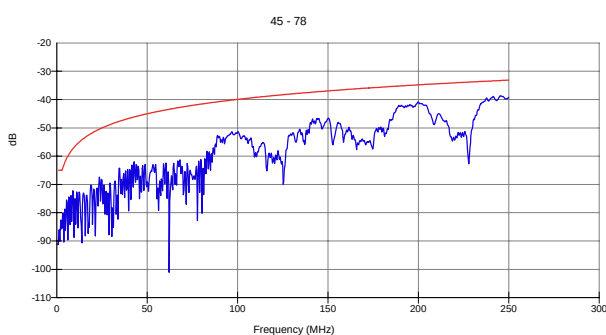
Limit Margin : 8.761 dB @ 181.076 MHz



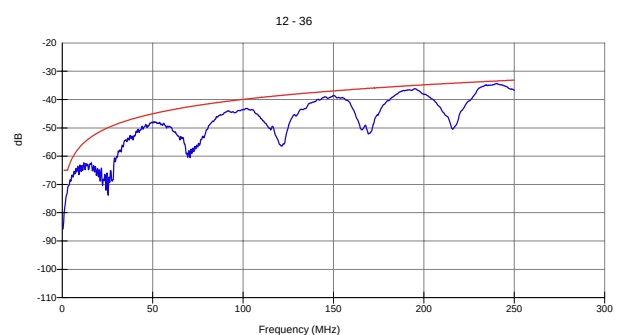
Limit Margin : 0.687 dB @ 231.288 MHz



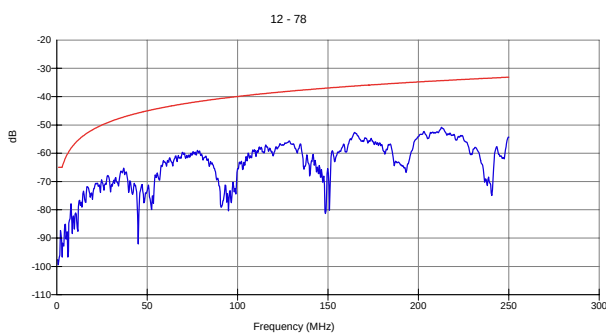
Limit Margin : 5.404 dB @ 245.322 MHz



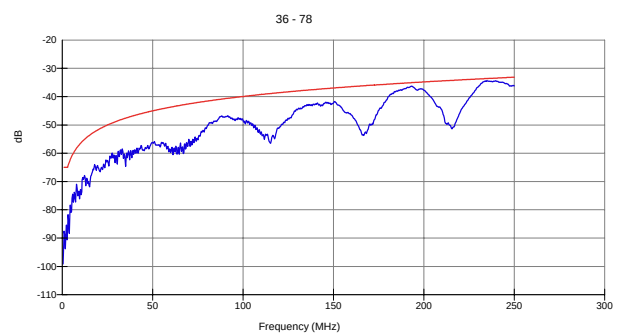
Limit Margin : 0.920 dB @ 240.332 MHz



Limit Margin : 16.386 dB @ 164.858 MHz



Limit Margin : 0.827 dB @ 235.030 MHz

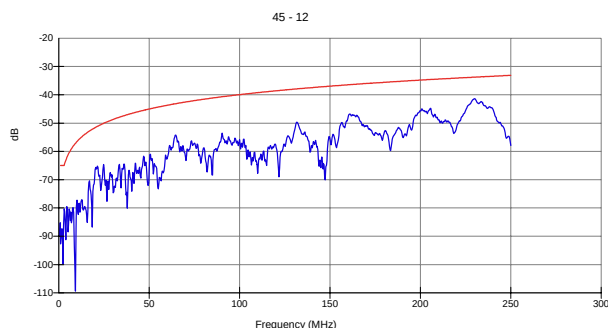




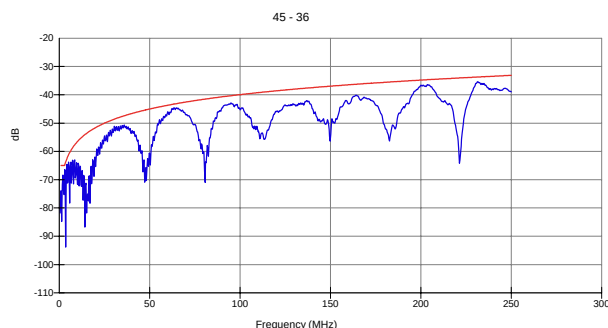
NEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

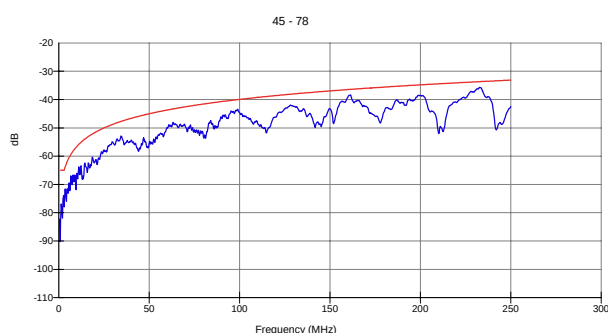
Limit Margin : 7.603 dB @ 230.040 MHz



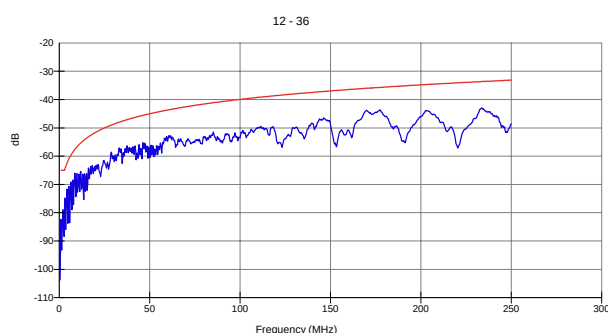
Limit Margin : 1.247 dB @ 63.499 MHz



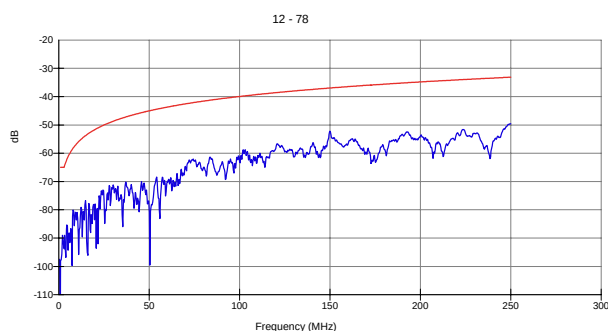
Limit Margin : 1.965 dB @ 161.116 MHz



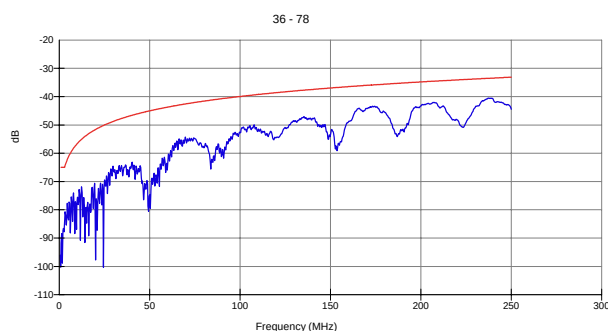
Limit Margin : 7.853 dB @ 169.848 MHz



Limit Margin : 15.322 dB @ 149.888 MHz



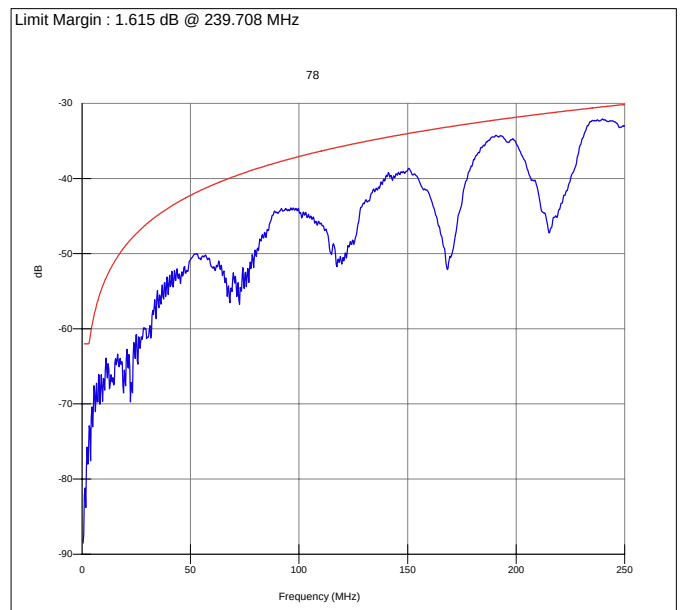
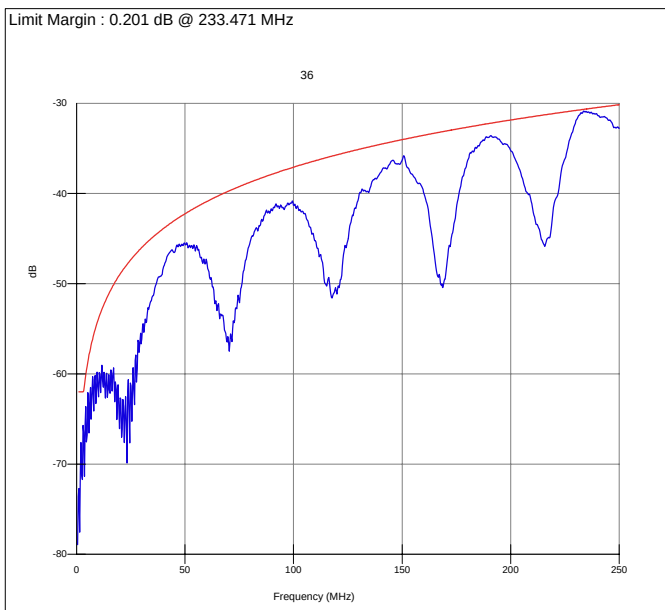
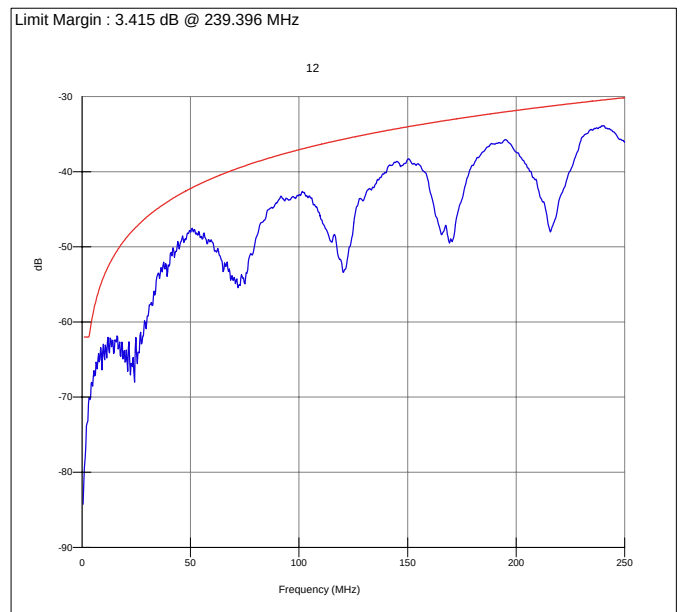
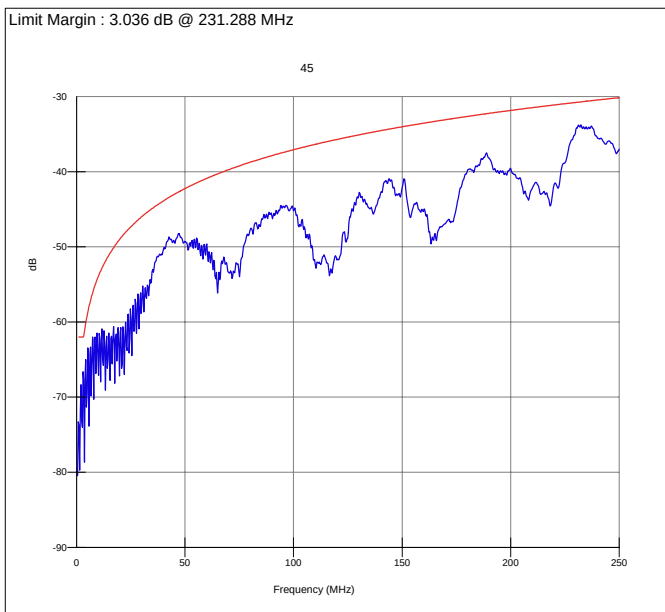
Limit Margin : 7.002 dB @ 237.525 MHz





PSNEXT - Near End

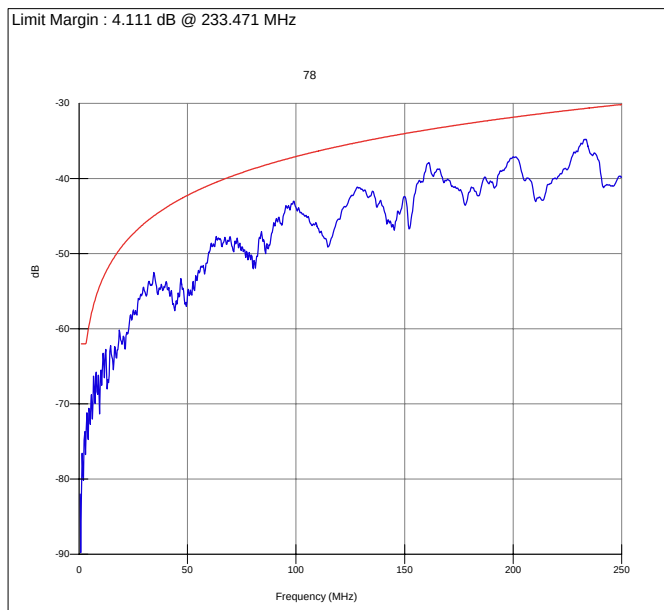
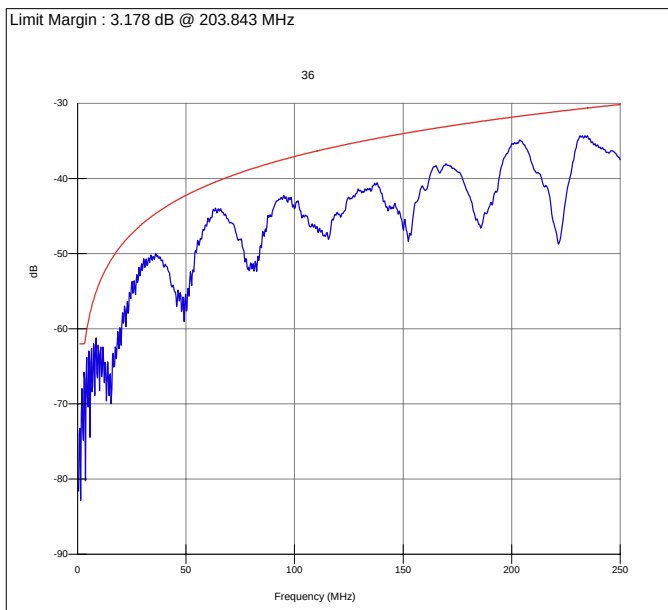
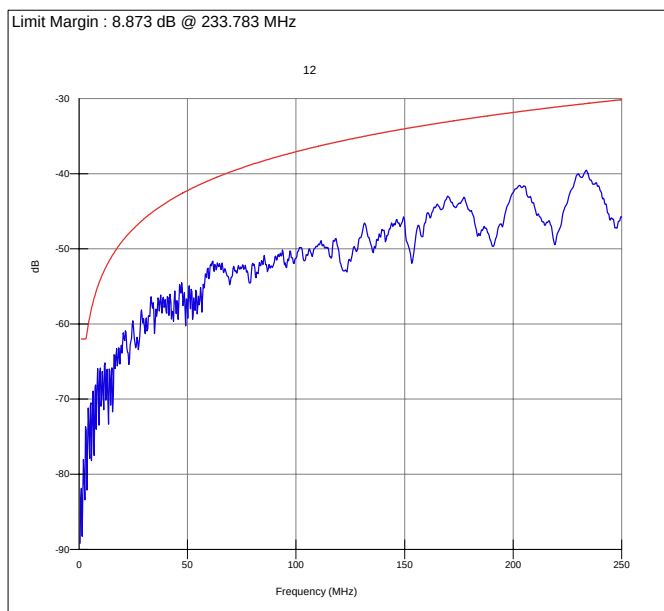
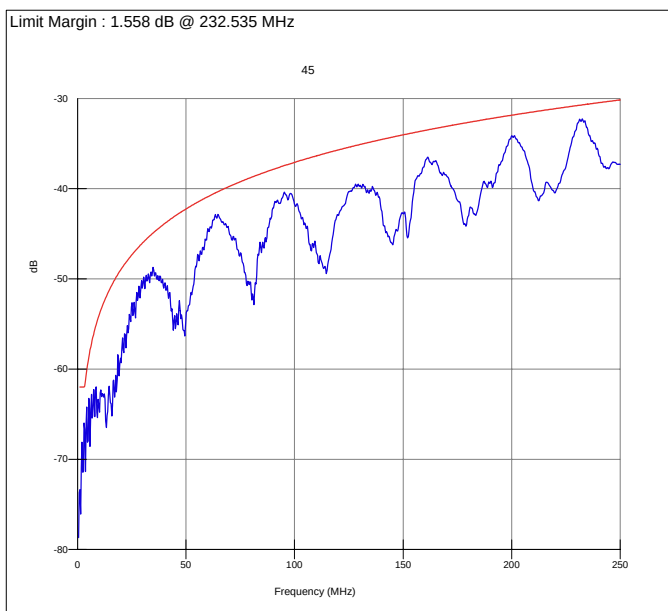
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





PSNEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	97.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:11:54 PM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

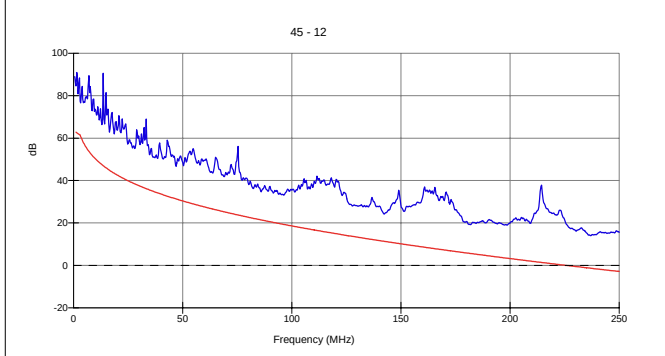




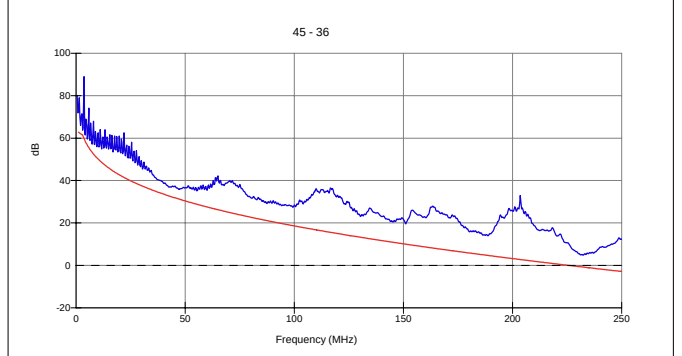
ACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

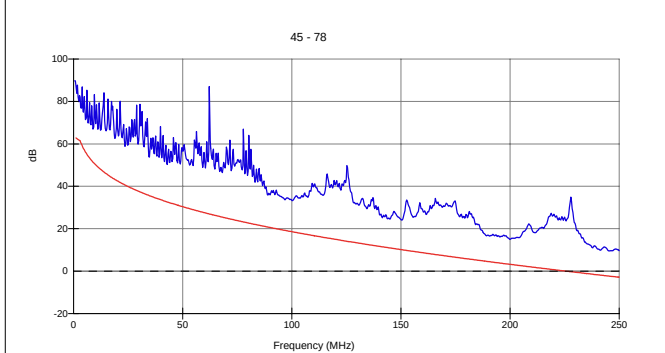
Limit Margin : 12.908 dB @ 142.403 MHz



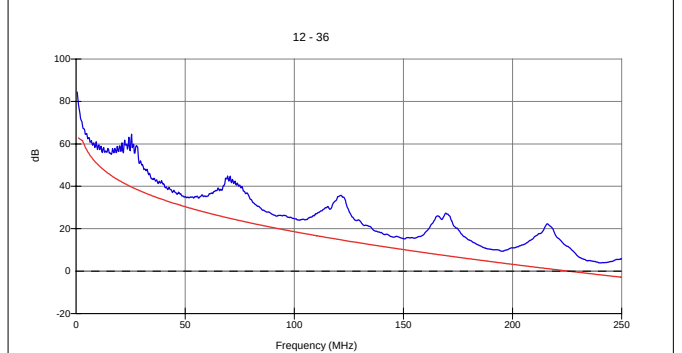
Limit Margin : 2.273 dB @ 2.995 MHz



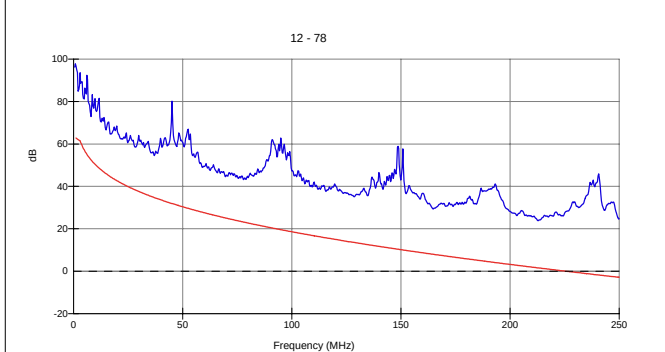
Limit Margin : 11.740 dB @ 199.788 MHz



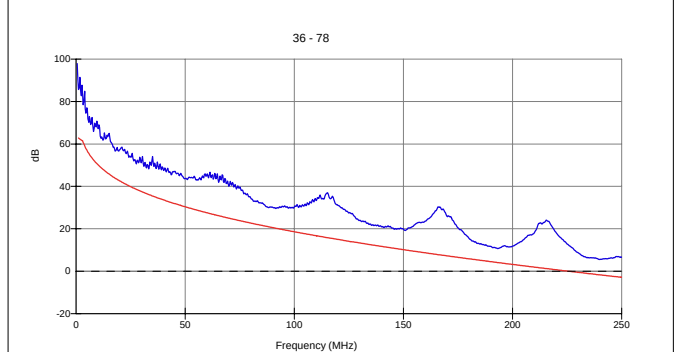
Limit Margin : 4.390 dB @ 50.712 MHz



Limit Margin : 19.539 dB @ 69.424 MHz



Limit Margin : 6.615 dB @ 192.927 MHz

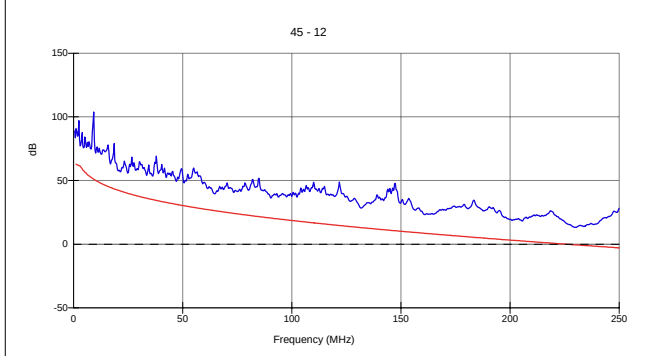




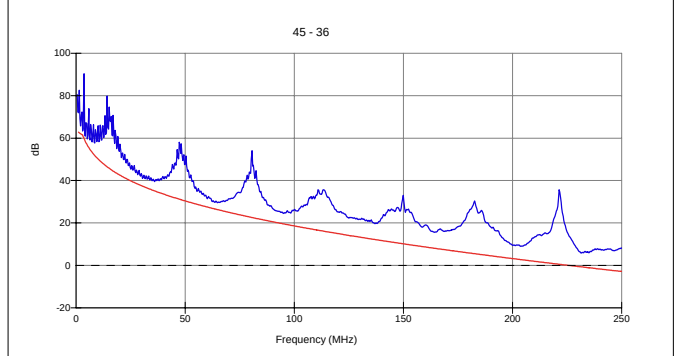
ACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	97.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:11:54 PM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

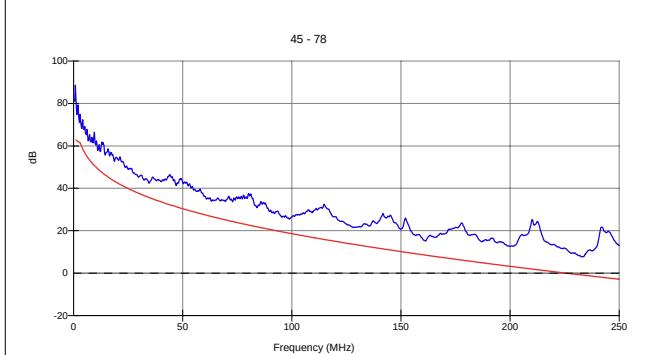
Limit Margin : 13.298 dB @ 64.746 MHz



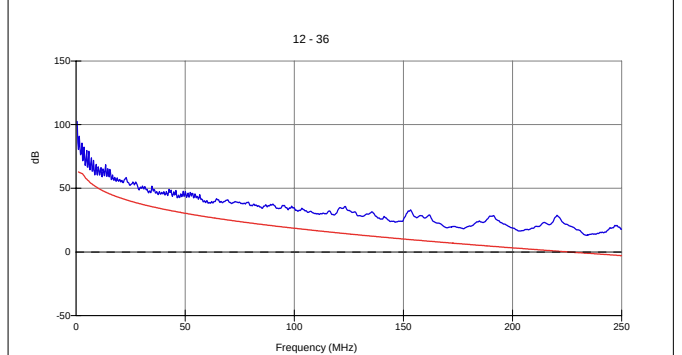
Limit Margin : 1.833 dB @ 2.995 MHz



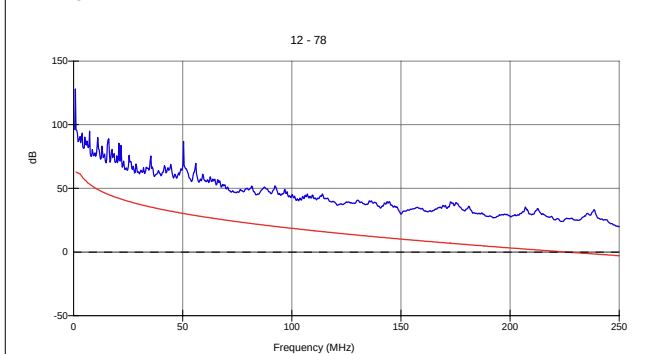
Limit Margin : 6.635 dB @ 99.053 MHz



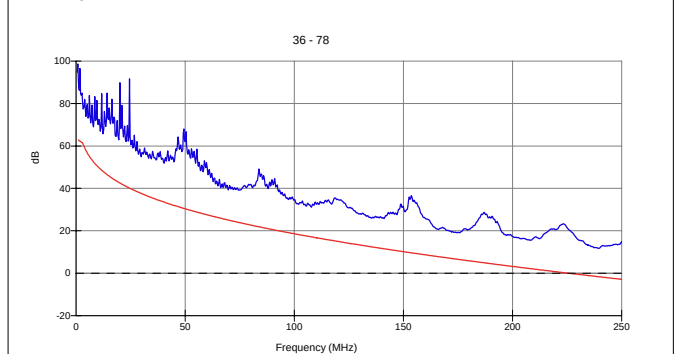
Limit Margin : 8.881 dB @ 8.609 MHz



Limit Margin : 19.600 dB @ 149.888 MHz



Limit Margin : 12.375 dB @ 173.279 MHz

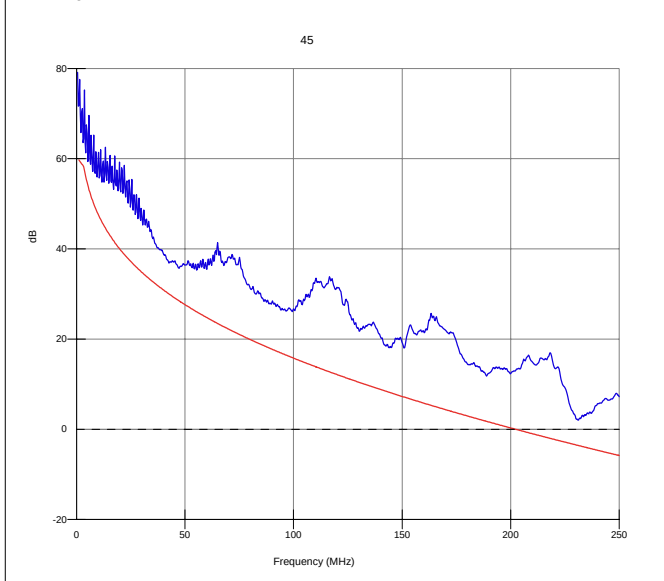




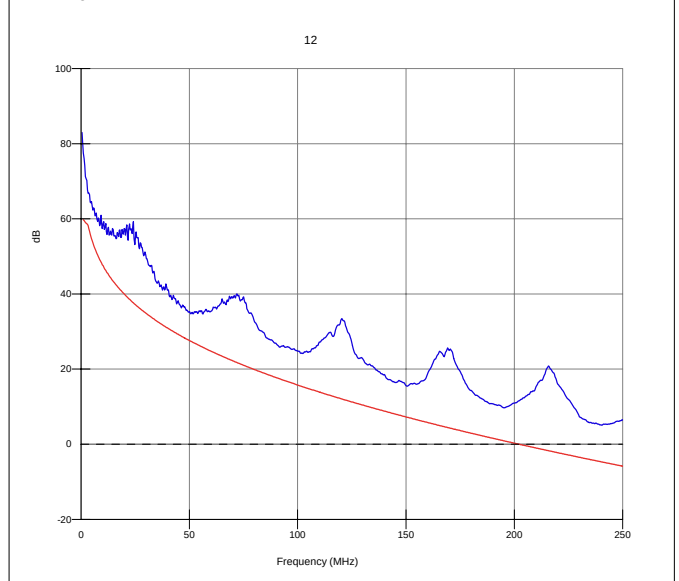
PSACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	97.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:11:54 PM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

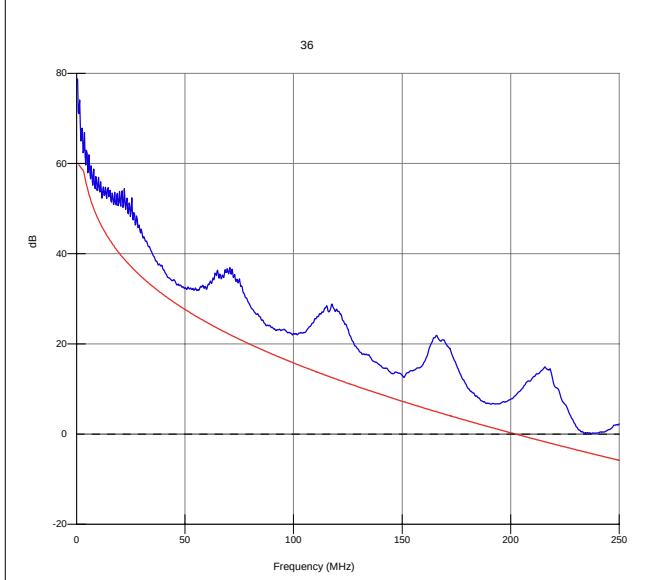
Limit Margin : 5.052 dB @ 2.995 MHz



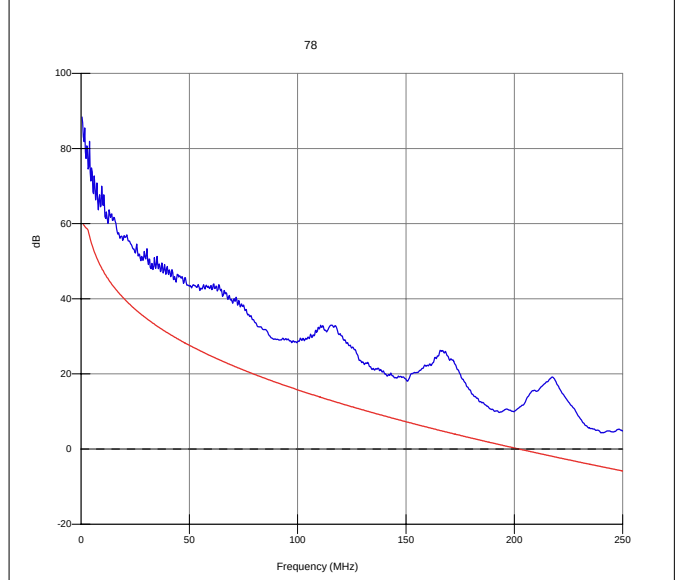
Limit Margin : 7.298 dB @ 50.712 MHz



Limit Margin : 3.686 dB @ 4.243 MHz



Limit Margin : 8.544 dB @ 192.927 MHz

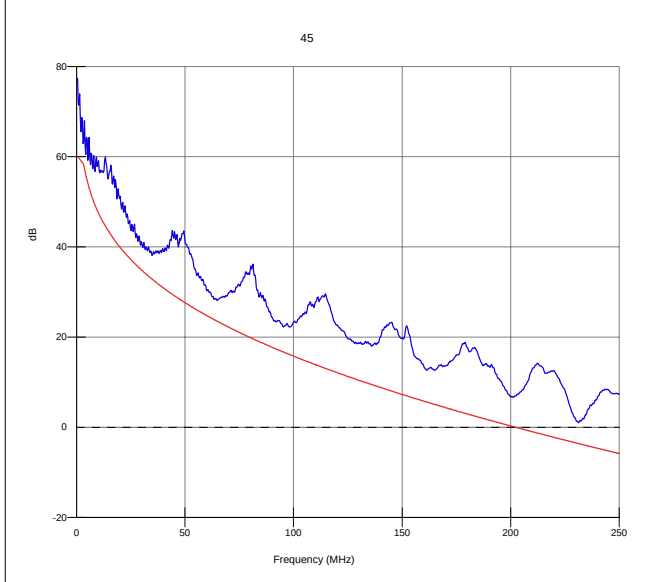




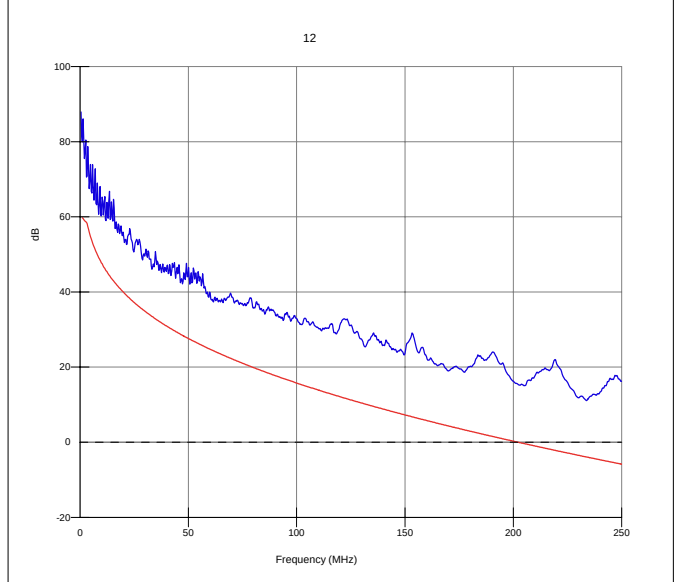
PSACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

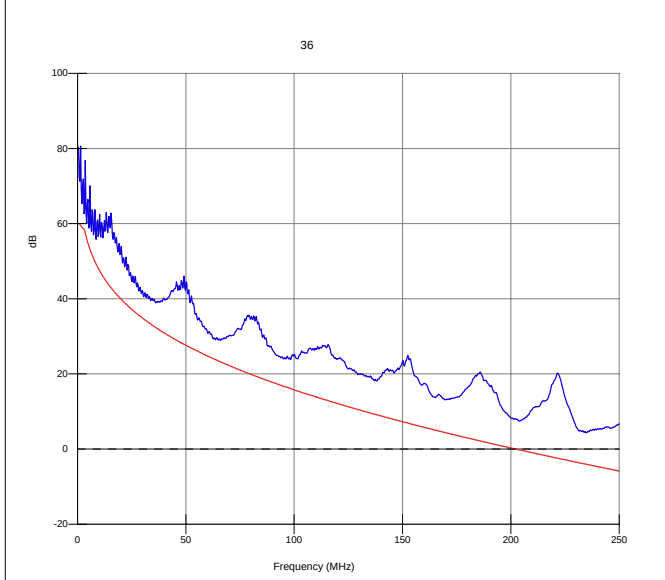
Limit Margin : 4.408 dB @ 2.995 MHz



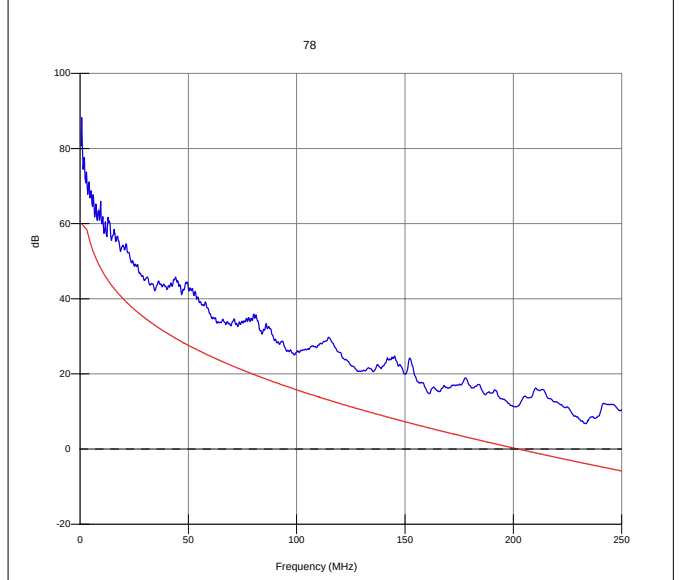
Limit Margin : 11.505 dB @ 8.609 MHz



Limit Margin : 4.049 dB @ 4.243 MHz



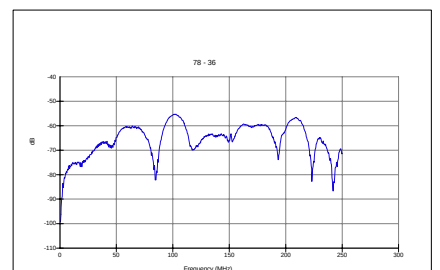
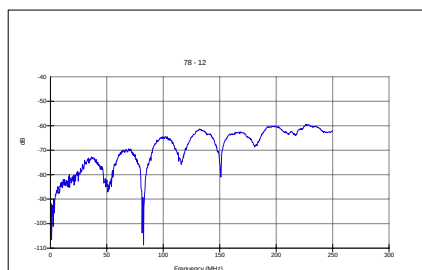
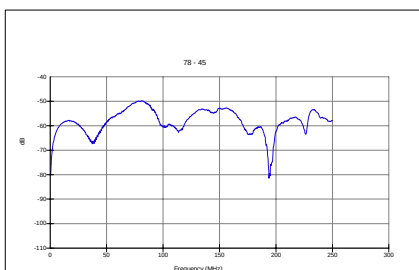
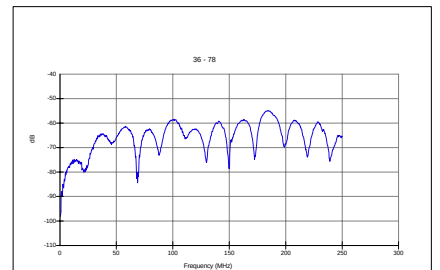
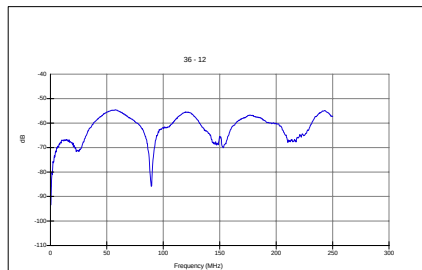
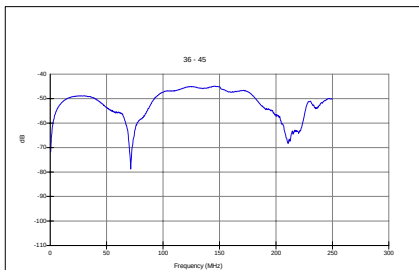
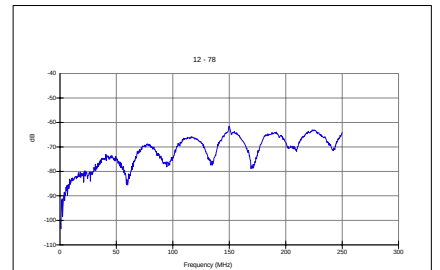
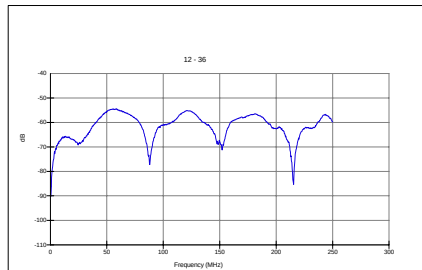
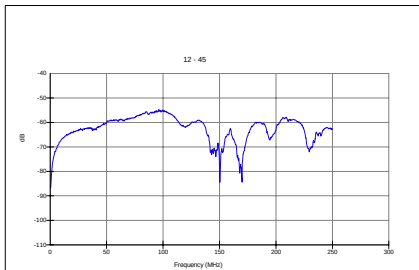
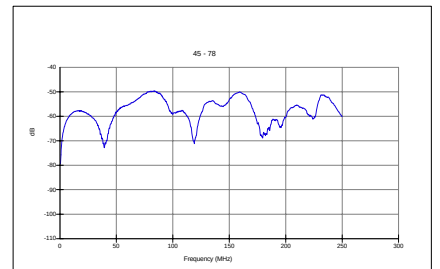
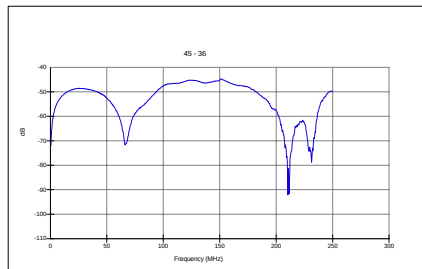
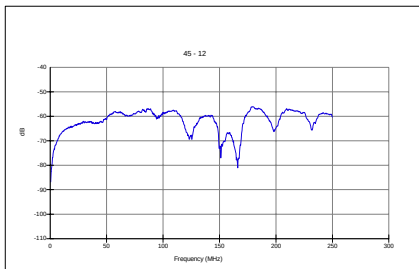
Limit Margin : 9.052 dB @ 98.741 MHz





FEXT - Near End

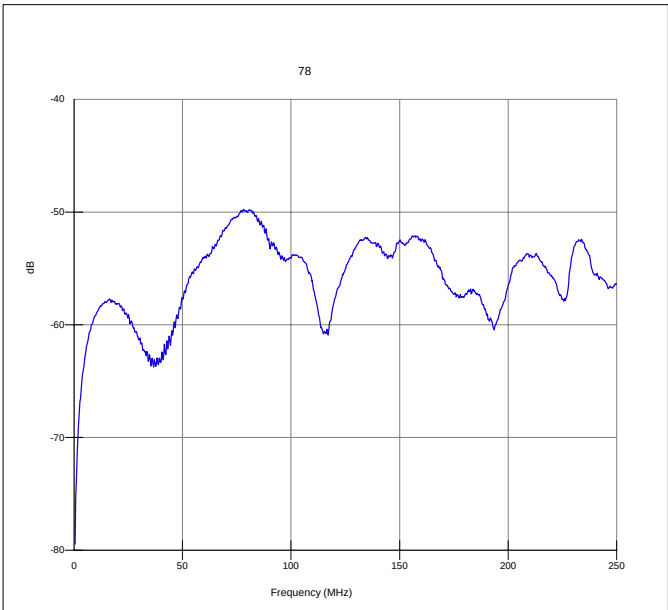
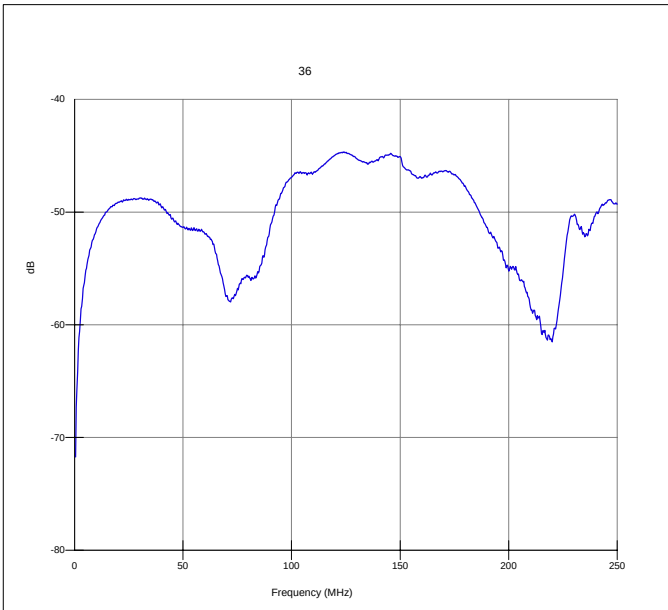
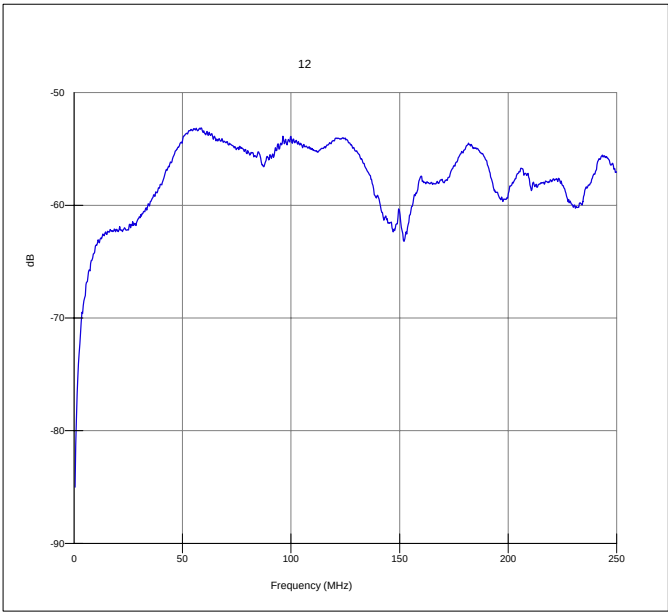
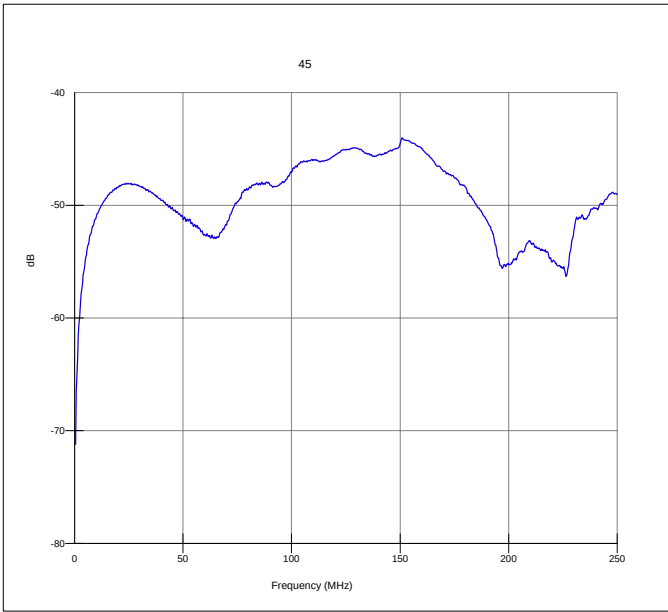
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	97.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:11:54 PM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		





PSFEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	97.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:11:54 PM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

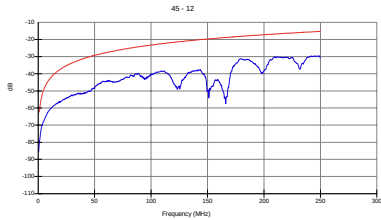




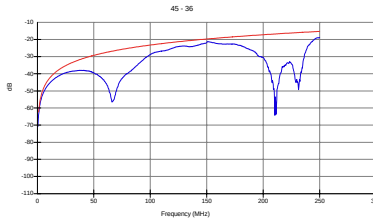
ACRF (ELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

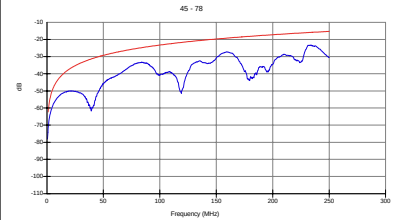
Limit Margin : 13.078 dB @ 179.828 MHz



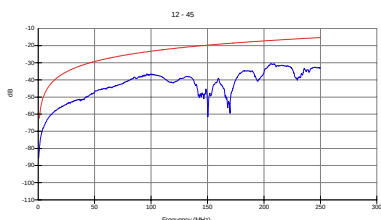
Limit Margin : 1.391 dB @ 1.748 MHz



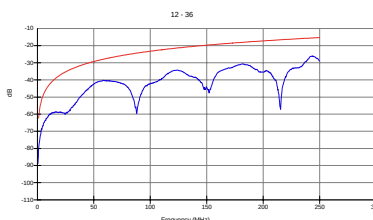
Limit Margin : 7.333 dB @ 233.783 MHz



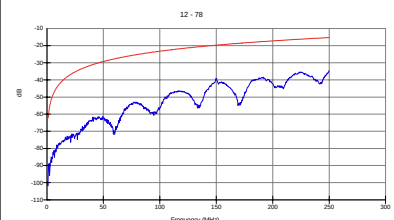
Limit Margin : 12.872 dB @ 96.246 MHz



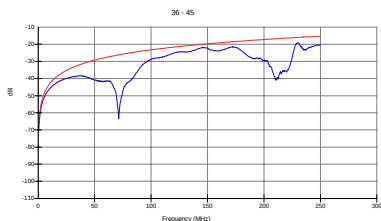
Limit Margin : 10.446 dB @ 243.451 MHz



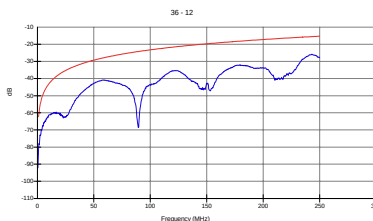
Limit Margin : 19.173 dB @ 223.491 MHz



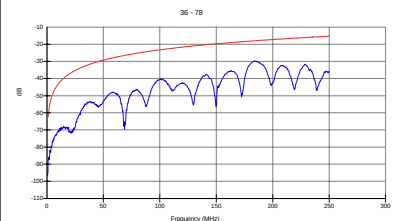
Limit Margin : 1.539 dB @ 1.748 MHz



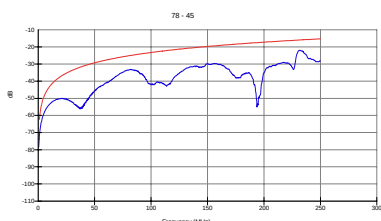
Limit Margin : 10.300 dB @ 243.139 MHz



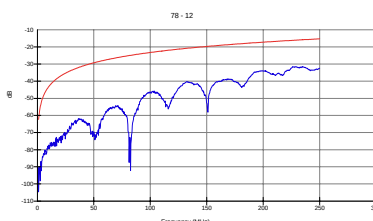
Limit Margin : 11.879 dB @ 184.506 MHz



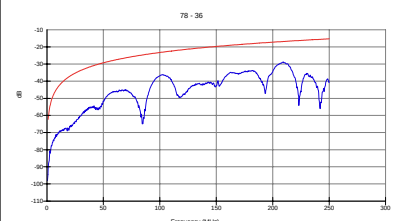
Limit Margin : 6.035 dB @ 231.288 MHz



Limit Margin : 15.318 dB @ 225.986 MHz



Limit Margin : 11.996 dB @ 209.456 MHz

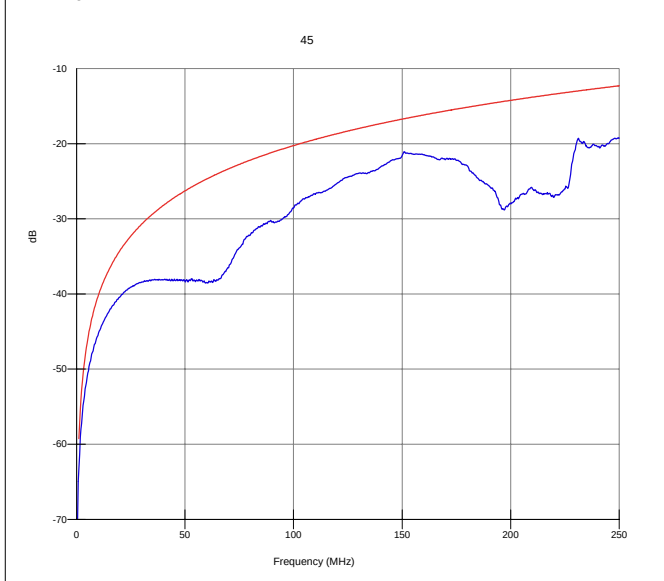




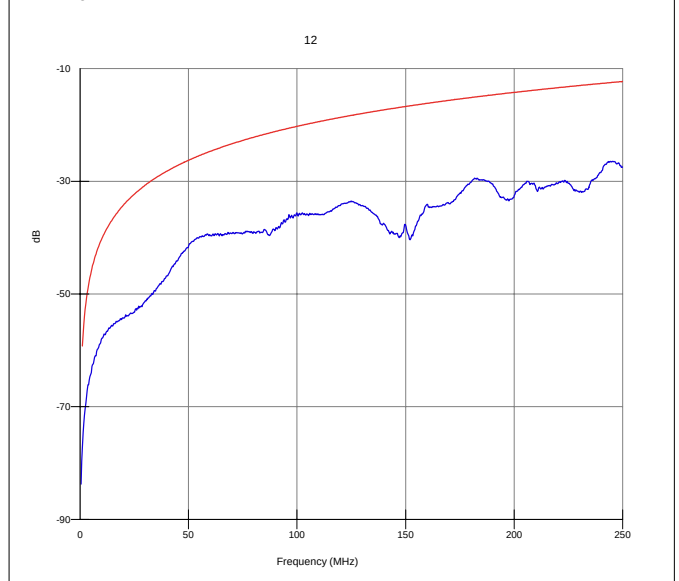
PSACRF (PSELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

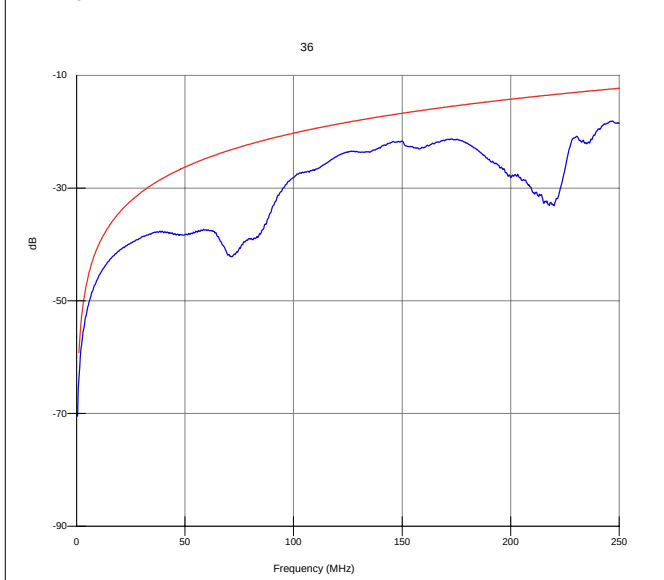
Limit Margin : 3.626 dB @ 1.748 MHz



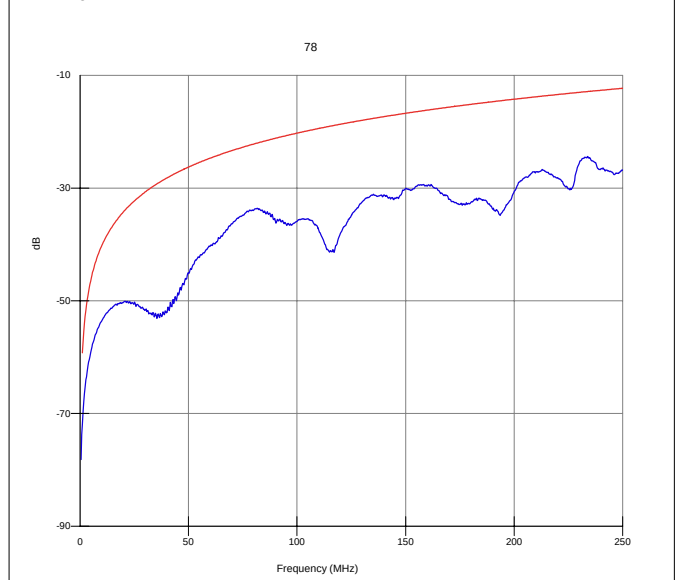
Limit Margin : 13.969 dB @ 244.386 MHz



Limit Margin : 4.455 dB @ 1.748 MHz



Limit Margin : 11.511 dB @ 78.157 MHz

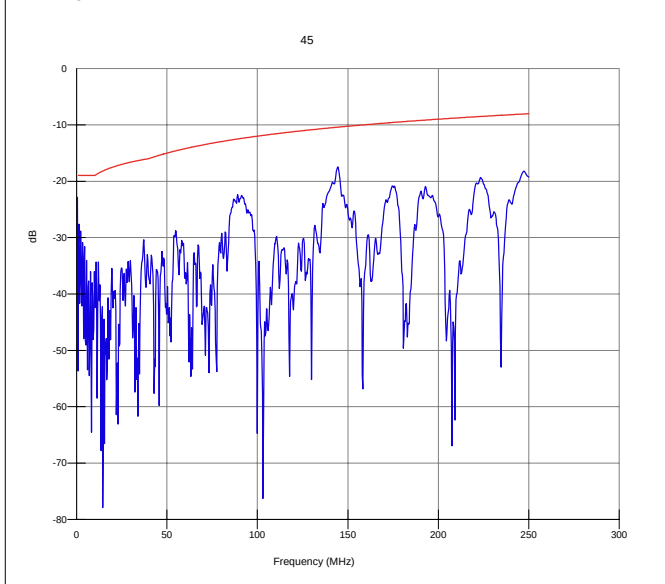




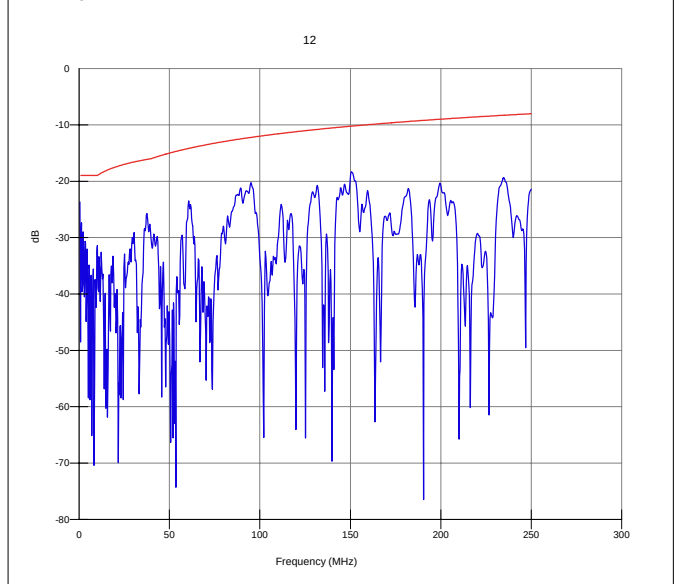
Return Loss - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	97.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:11:54 PM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

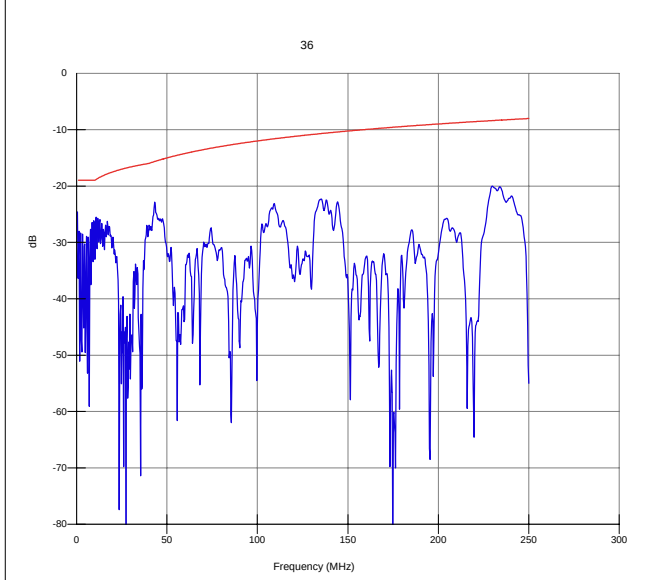
Limit Margin : 7.045 dB @ 144.586 MHz



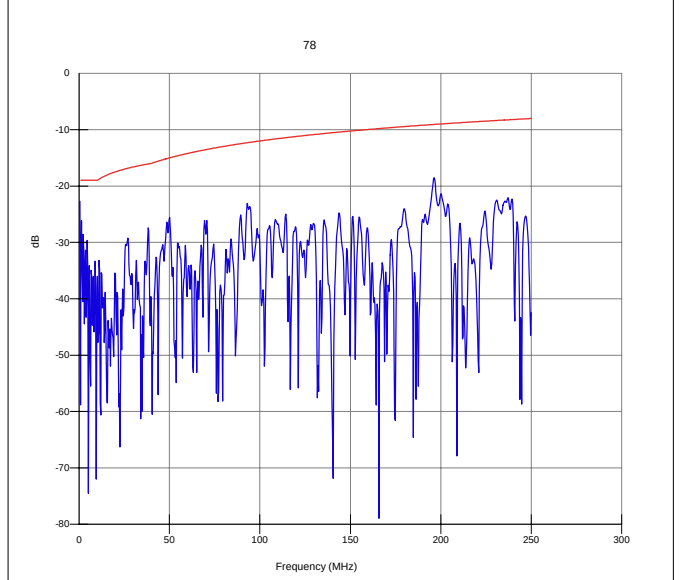
Limit Margin : 8.024 dB @ 94.998 MHz



Limit Margin : 6.678 dB @ 10.792 MHz



Limit Margin : 7.149 dB @ 1.436 MHz

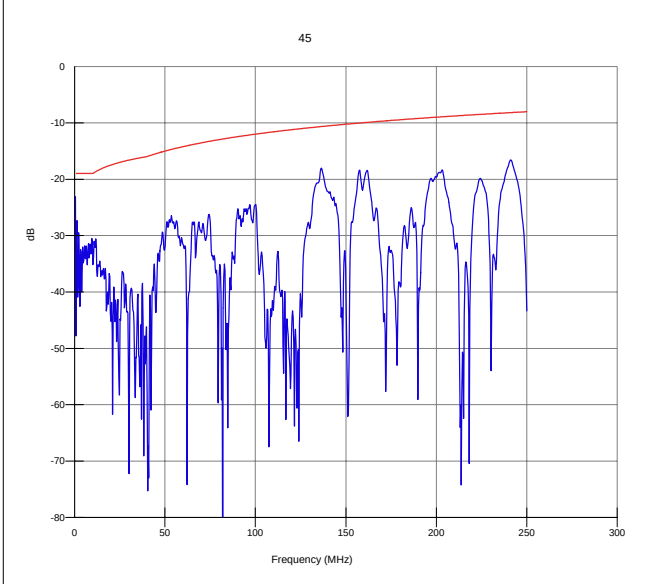




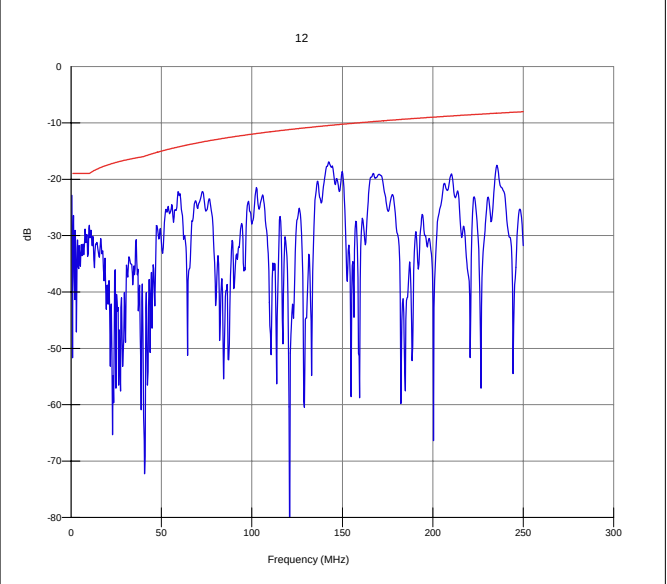
Return Loss - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

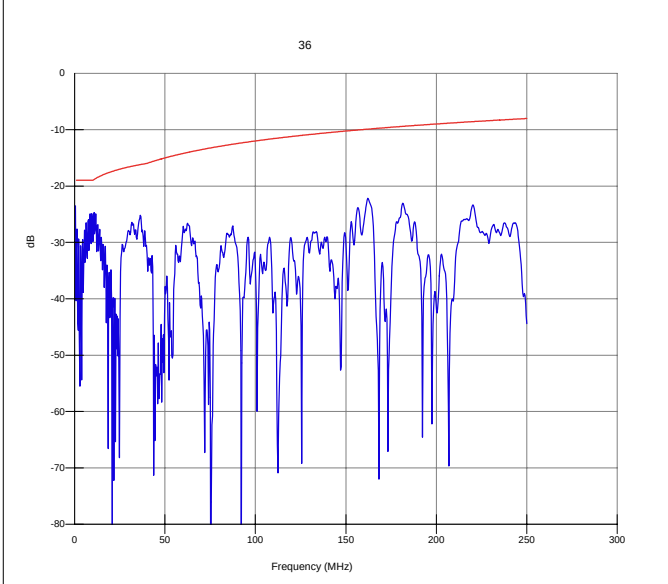
Limit Margin : 7.405 dB @ 136.478 MHz



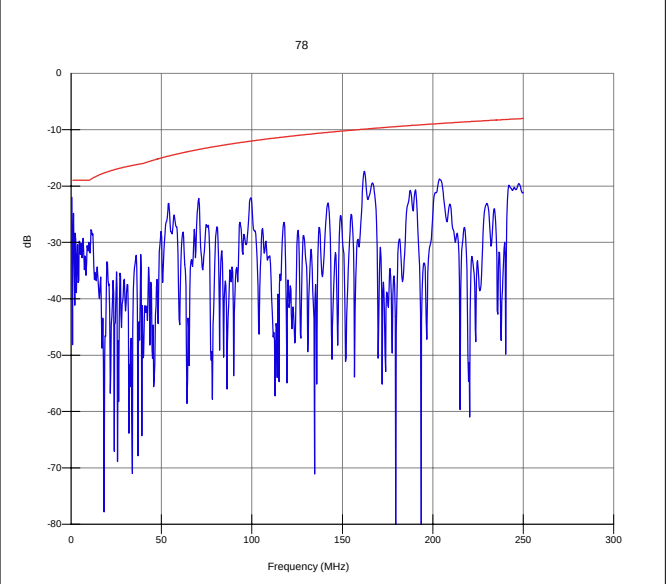
Limit Margin : 6.475 dB @ 142.403 MHz



Limit Margin : 5.860 dB @ 10.792 MHz



Limit Margin : 5.851 dB @ 1.436 MHz

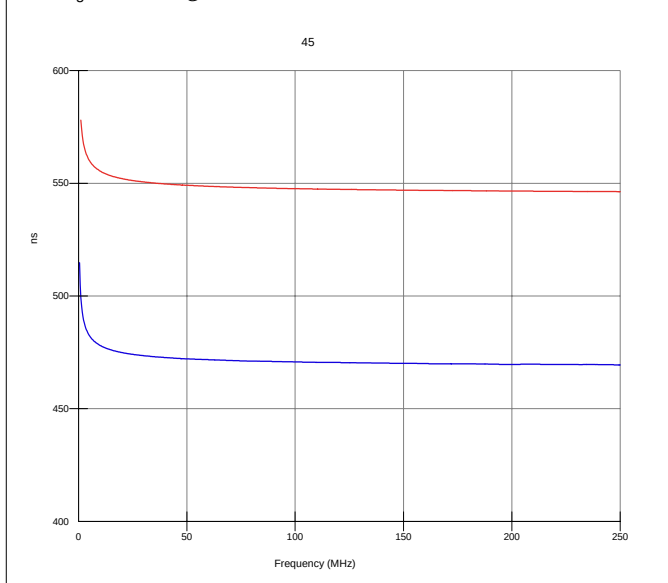




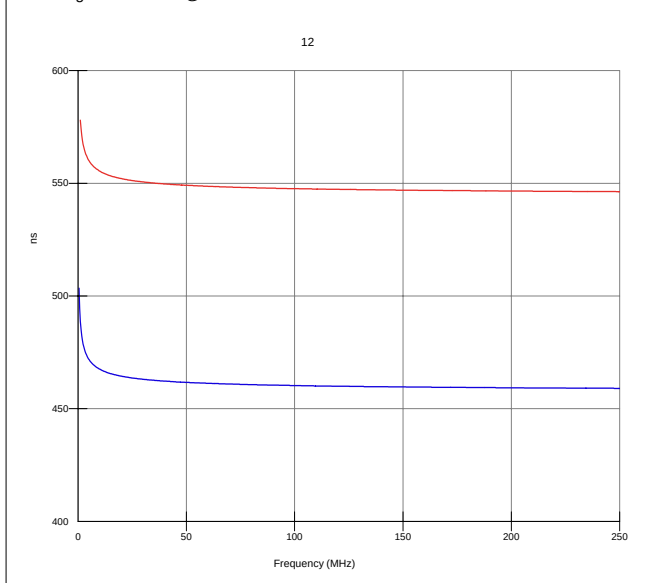
Propagation Delay - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

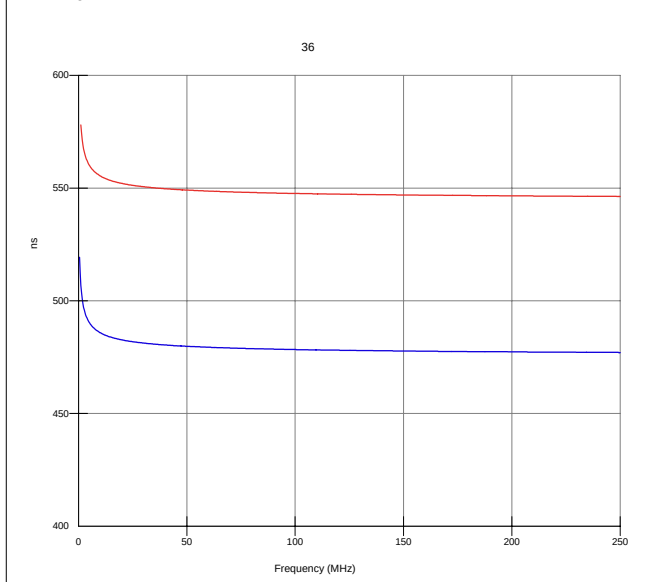
Limit Margin : 76.730 ns @ 226.298 MHz



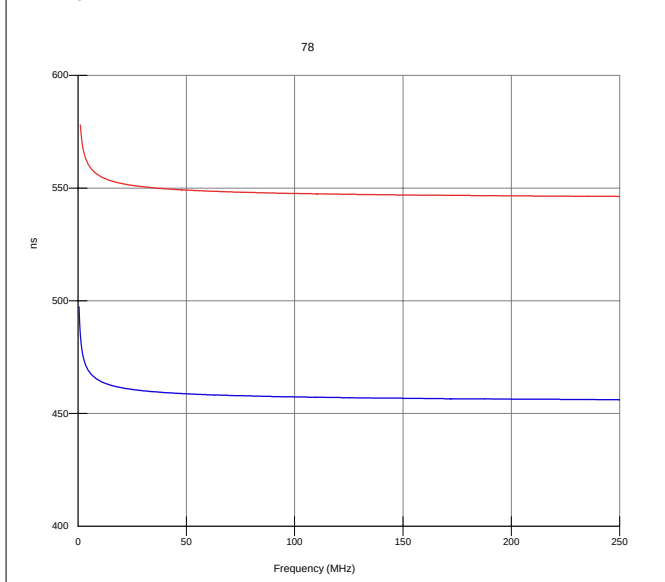
Limit Margin : 87.240 ns @ 246.258 MHz



Limit Margin : 69.180 ns @ 194.174 MHz



Limit Margin : 90.130 ns @ 187.001 MHz

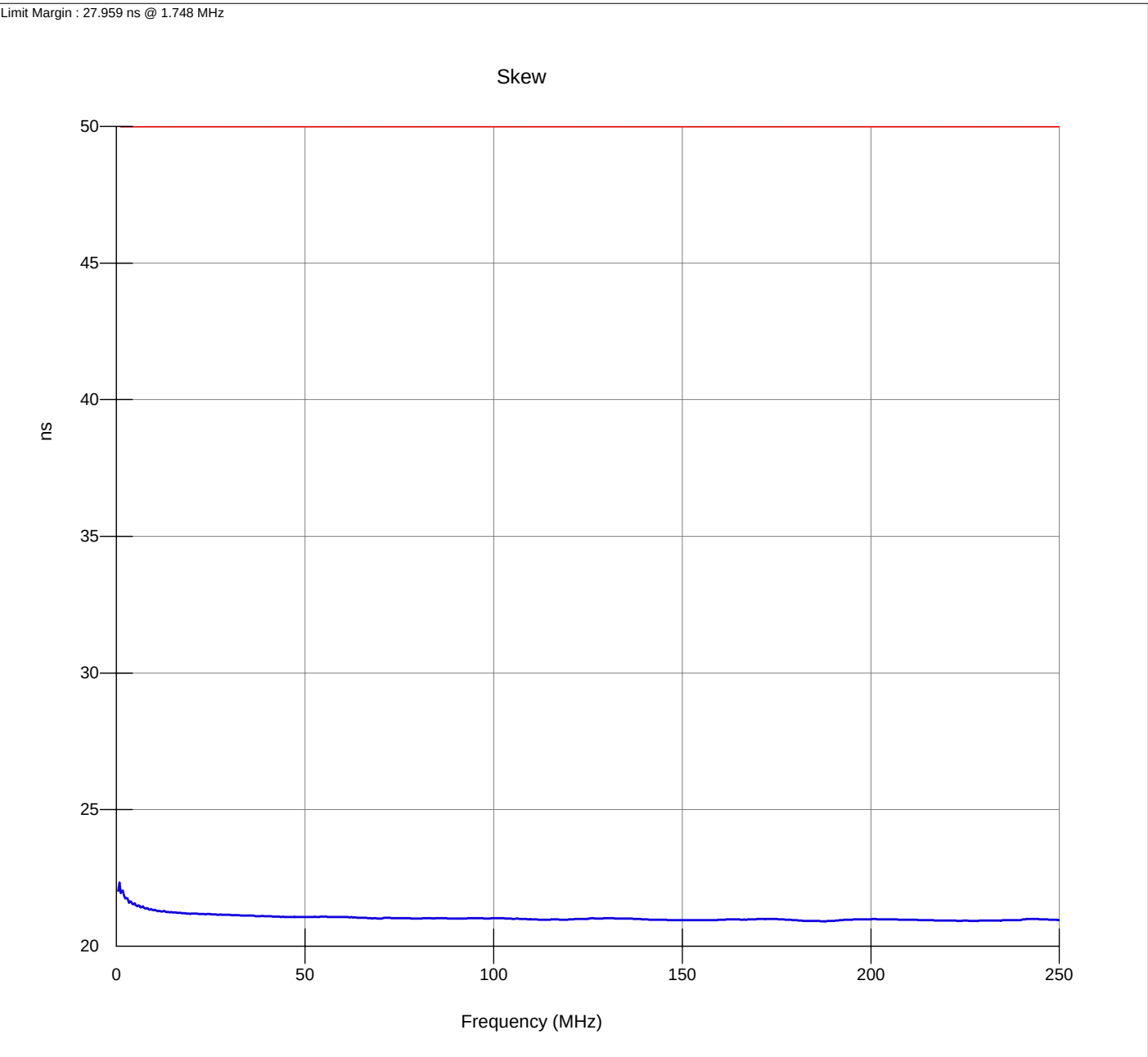




Propagation Delay Skew - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

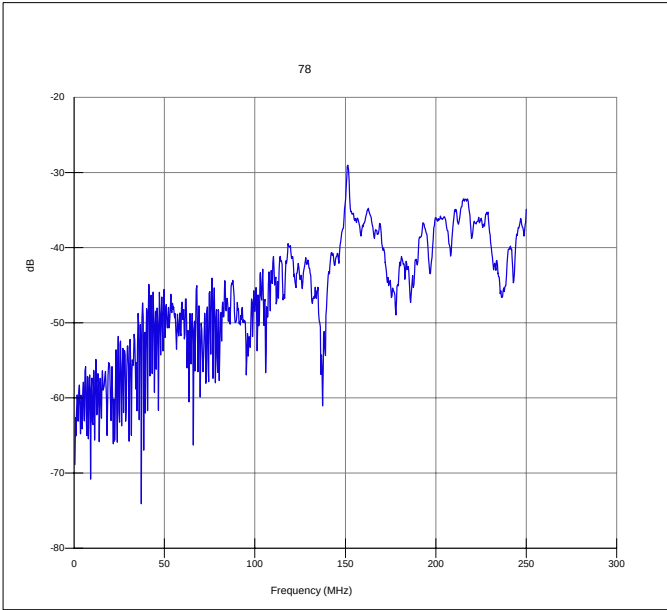
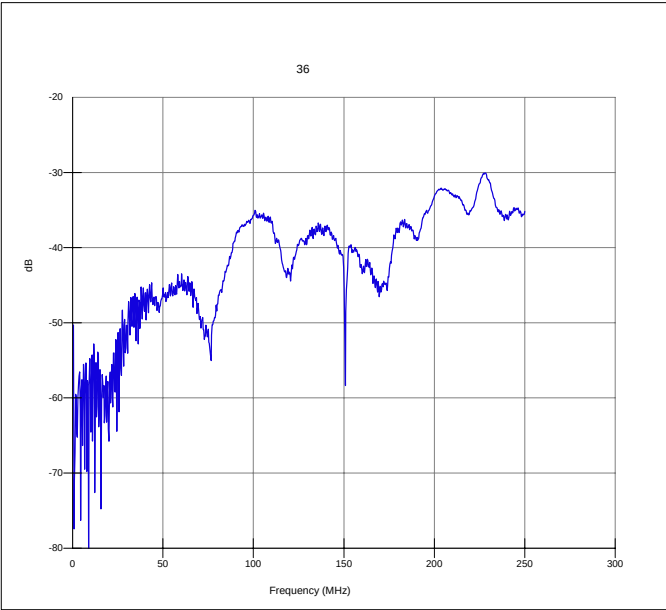
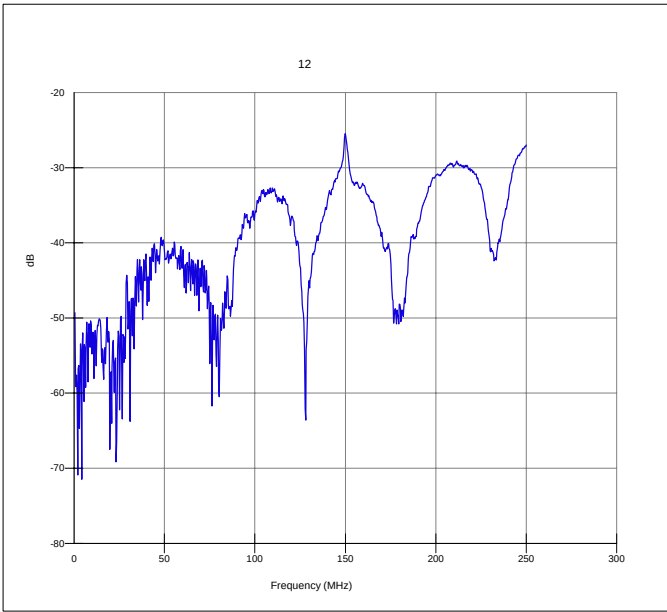
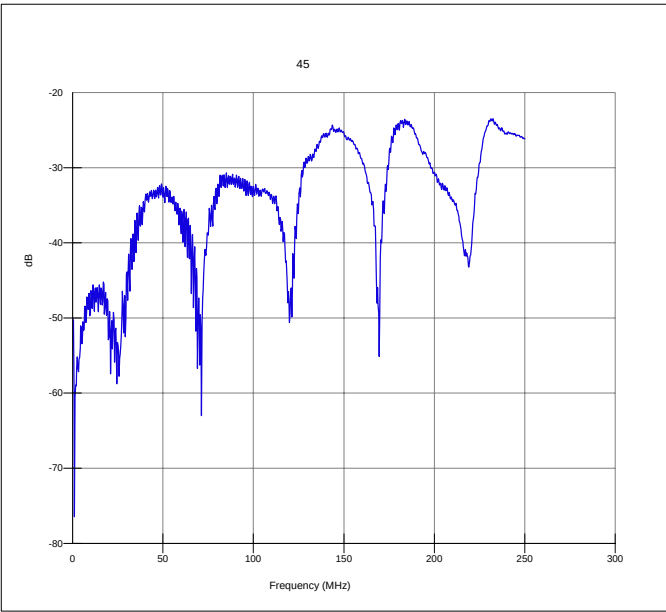
Limit Margin : 27.959 ns @ 1.748 MHz





TCL - Near End

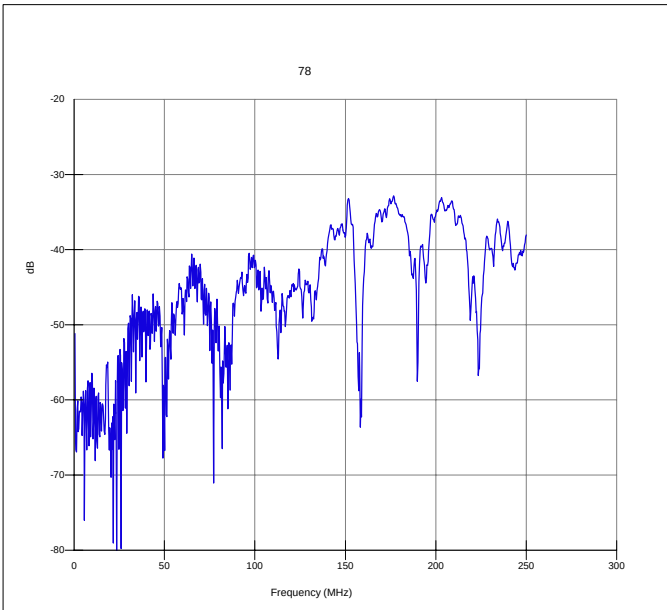
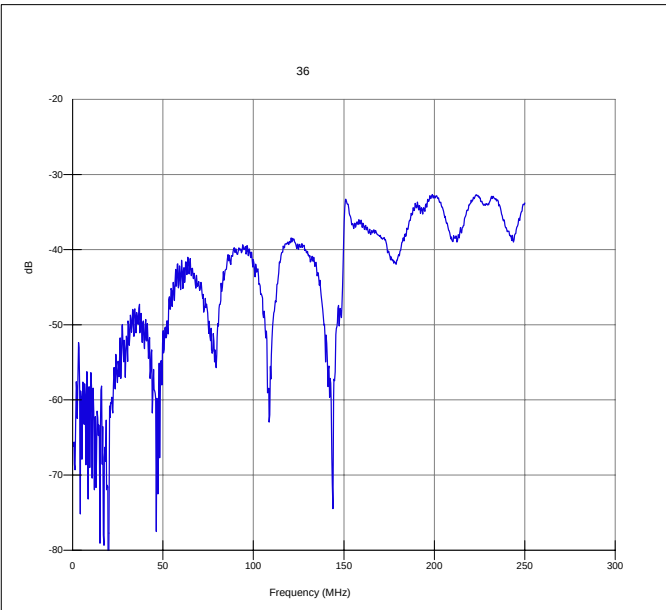
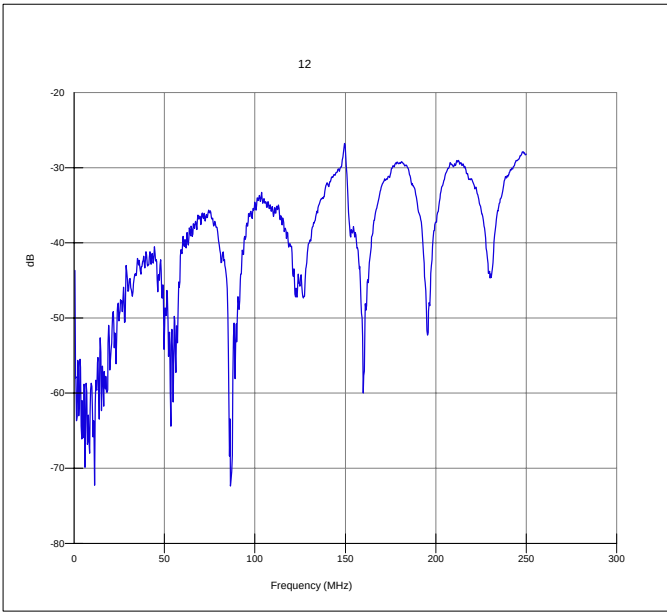
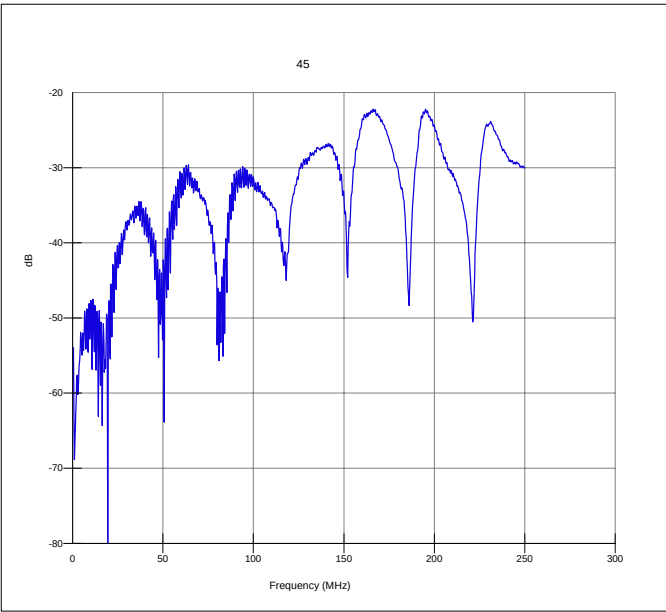
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





TCL - Far End

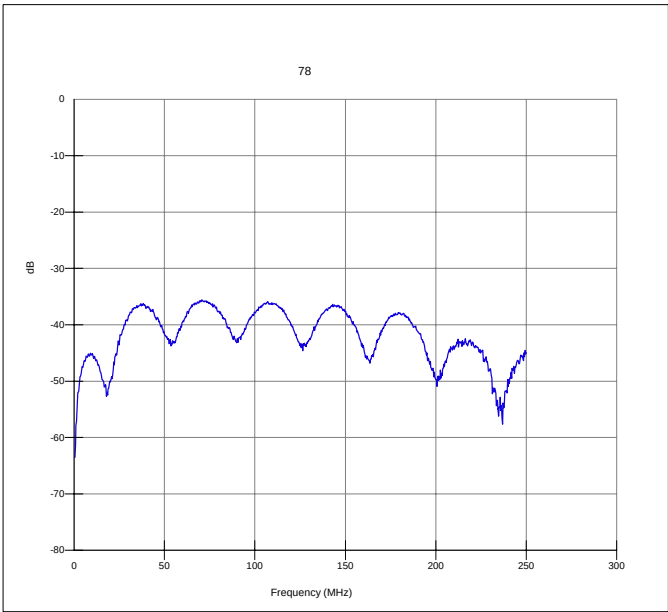
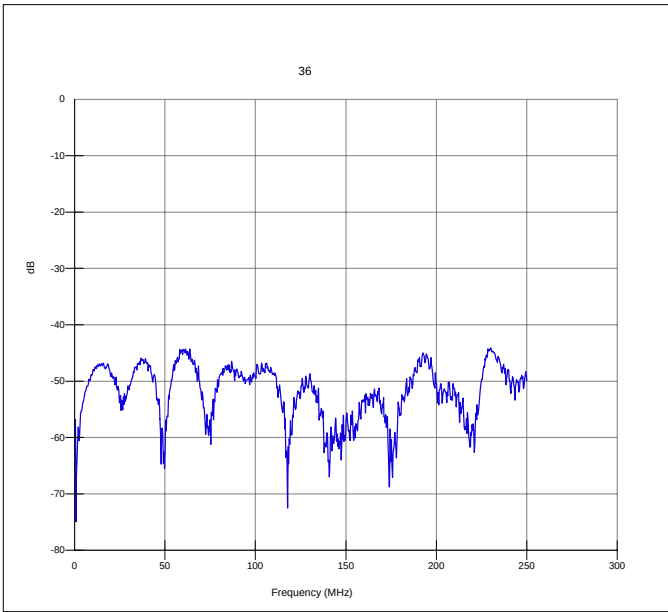
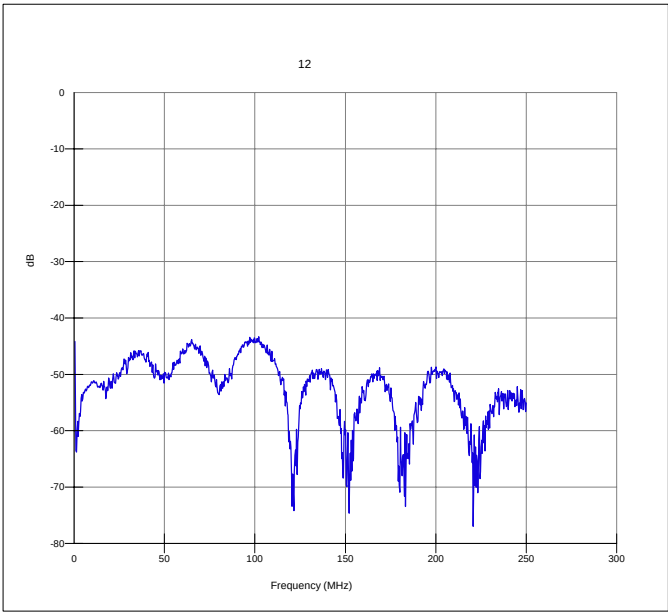
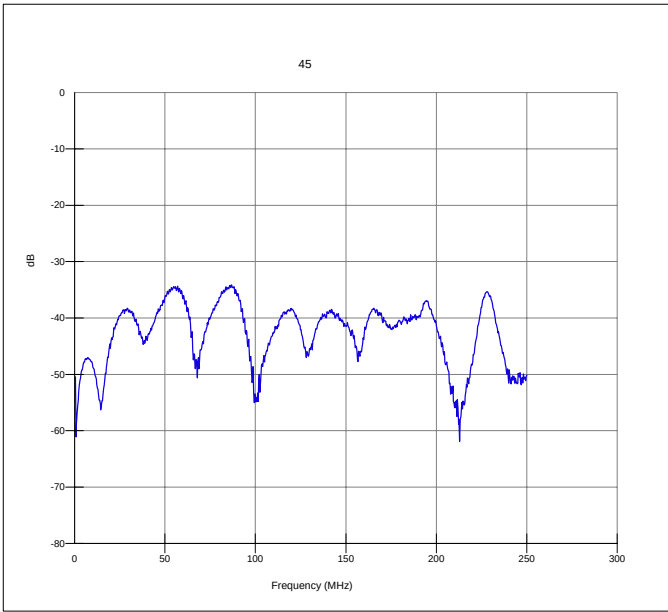
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





TCTL - Near End

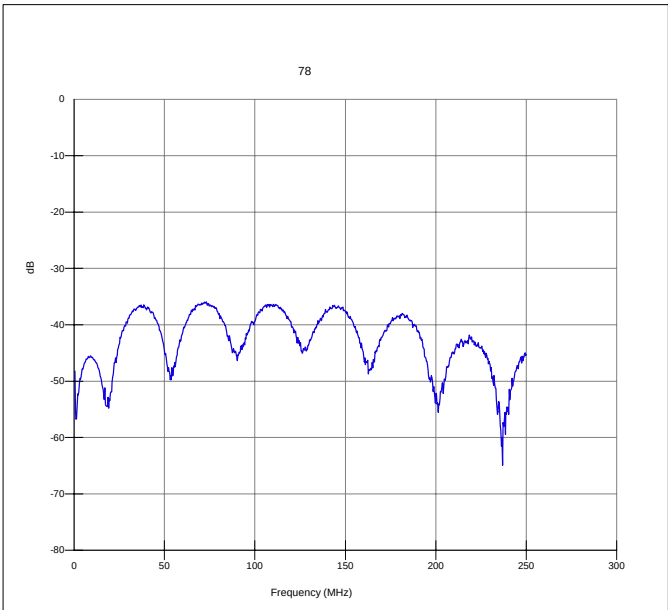
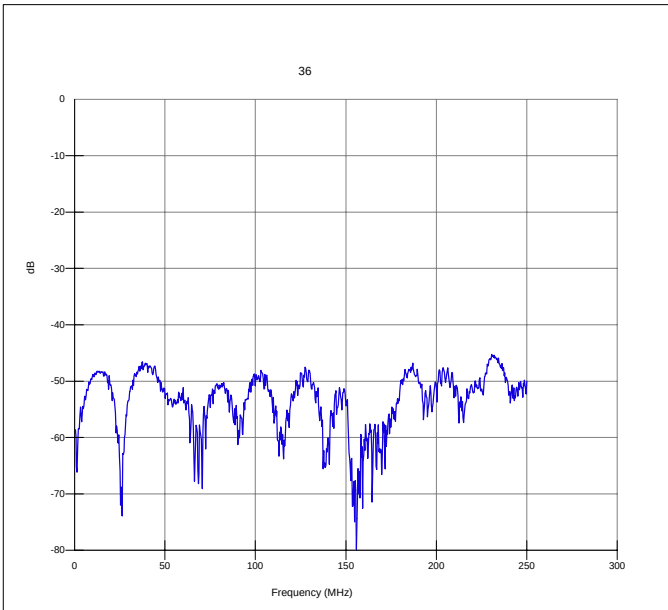
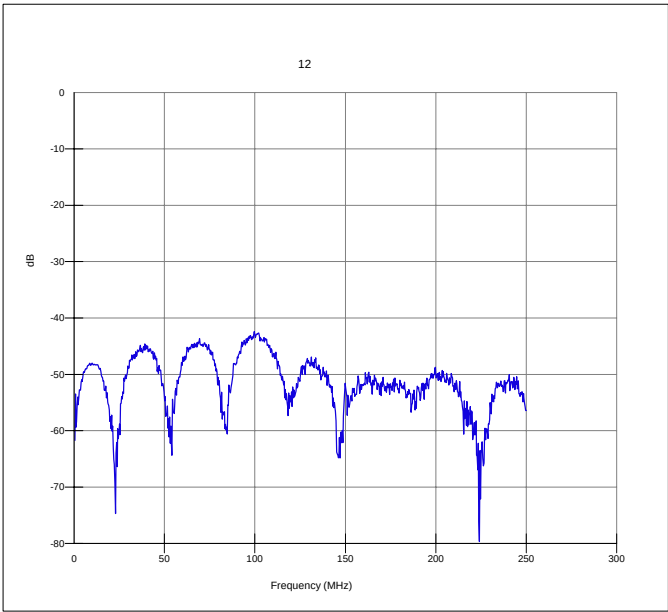
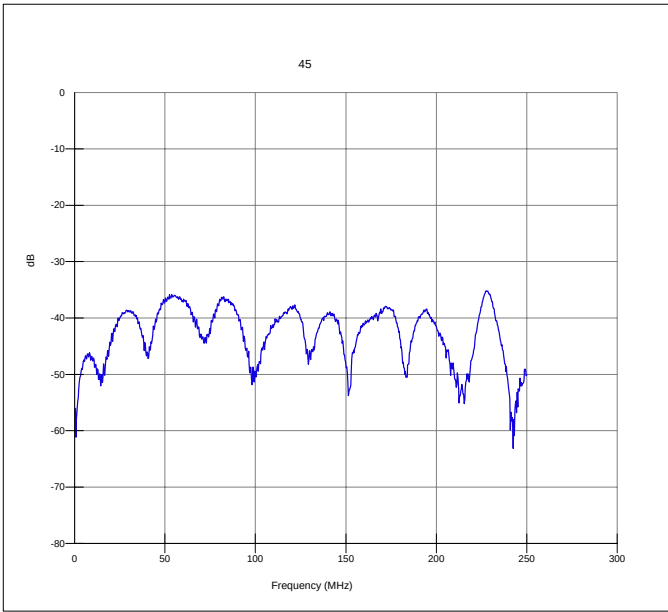
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





TCTL - Far End

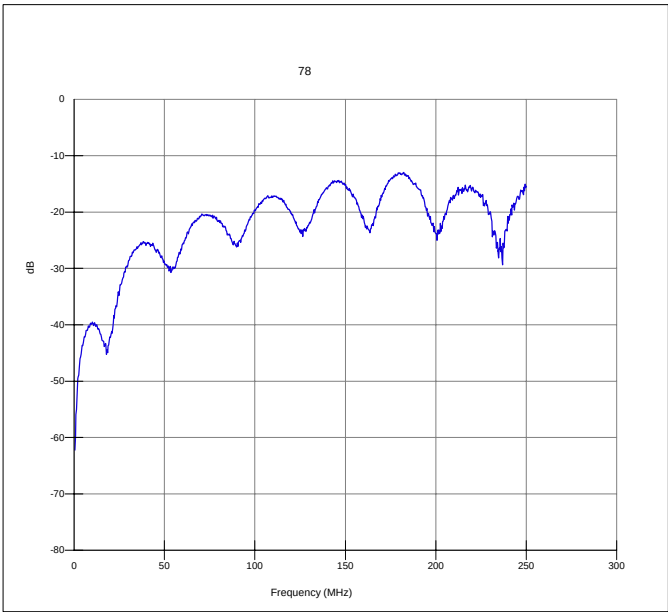
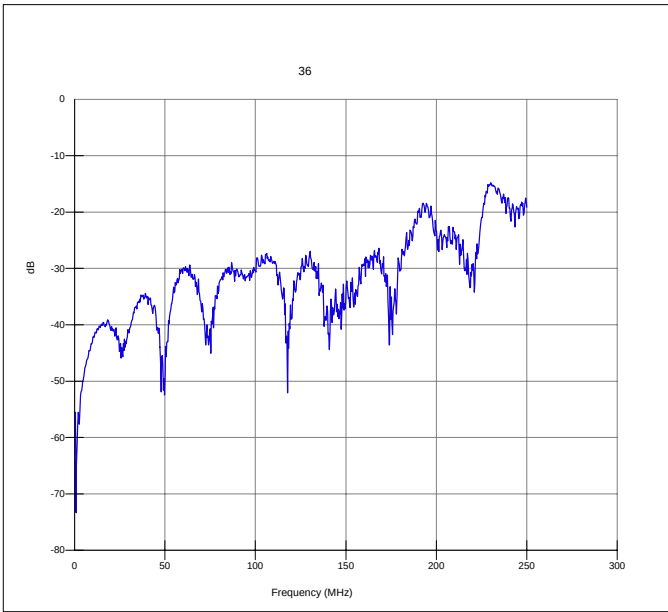
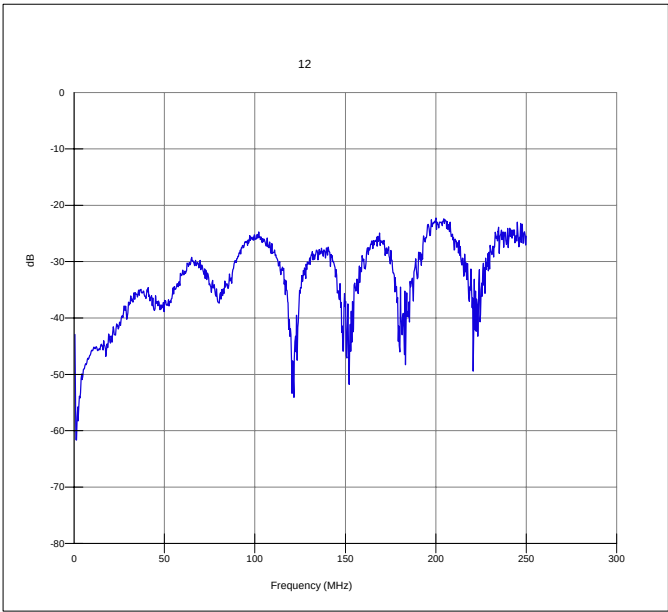
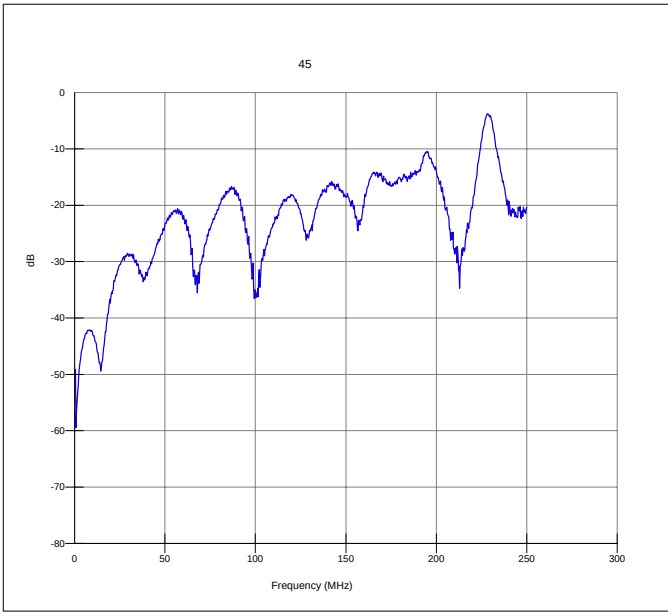
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





ELTCTL - Near End

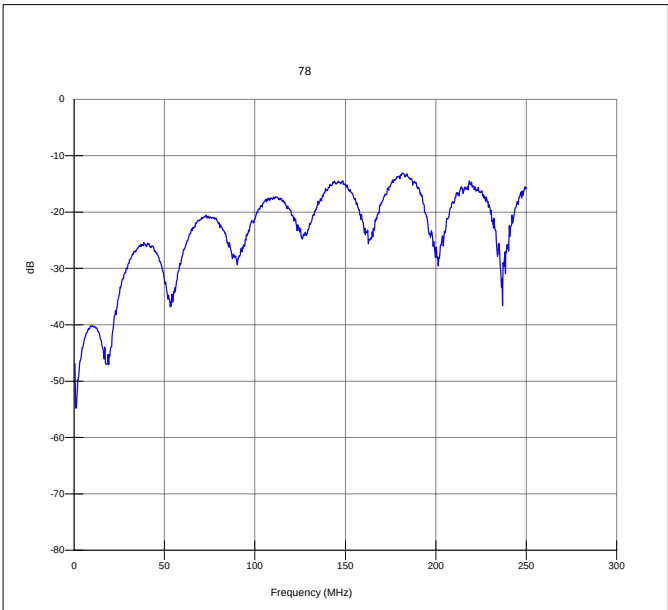
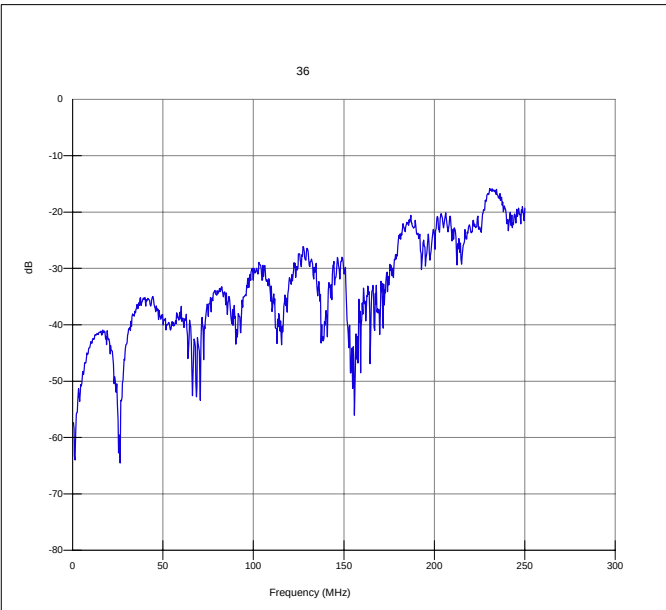
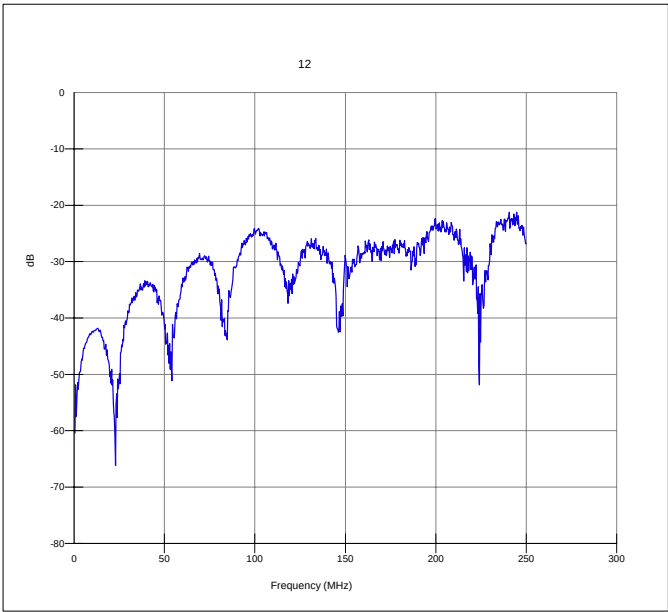
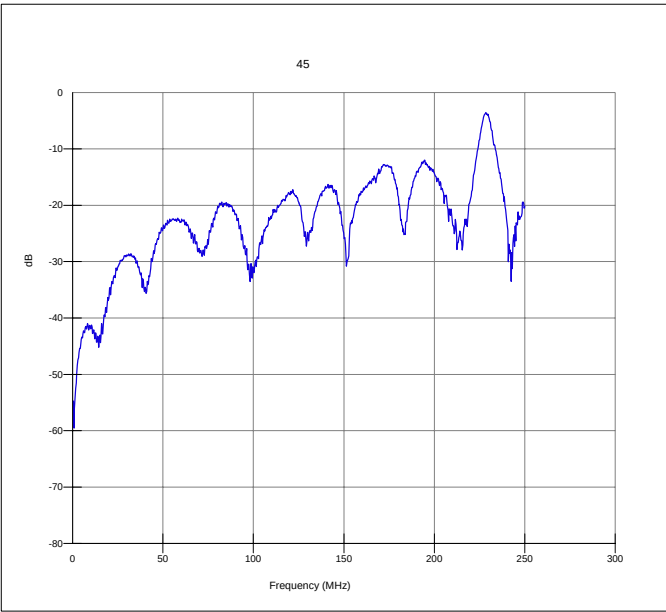
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





ELTCTL - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	97.
Test Started	10/20/2015 12:11:54 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





Appendix B
Second sample test results

This appendix contains 39 pages.



Low Frequency Report

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

DC Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
7.5761	7.3406	7.6662	7.2945	
7.6767	7.2828	7.6856	7.3259	

Resistance Unbalanced (%)				
45	12	36	78	Limit (%)
0.66	0.40	0.13	0.22	3.00

Resistance Unbalanced Pair-Pair (%)						
45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78	Limit (%)
2.11	0.33	2.12	2.43	0.01	2.44	

DC Loop Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
15.2520	14.6260	15.3520	14.6190	25.0000



Insertion Loss

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

Insertion Loss (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-2.16	-1.80	-1.79	-1.80	-1.79
4.	-4.02	-3.59	-3.57	-3.62	-3.52
8.	-5.66	-5.08	-5.05	-5.13	-4.97
10.	-6.34	-5.69	-5.66	-5.76	-5.57
16.	-8.05	-7.18	-7.14	-7.29	-7.03
20.	-9.03	-8.04	-7.99	-8.15	-7.87
25.	-10.14	-9.01	-8.95	-9.14	-8.82
31.25	-11.40	-10.11	-10.02	-10.27	-9.90
62.5	-16.48	-14.48	-14.28	-14.77	-14.08
100.	-21.31	-18.52	-18.34	-18.83	-18.14
155.	-27.26	-23.12	-22.99	-23.75	-22.81
200.	-31.57	-27.08	-26.64	-27.26	-25.93
250.	-35.98	-29.82	-29.63	-30.92	-29.56



NEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
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.	-65.00	-88.67	-73.93	-91.85	-85.42	-96.71	-84.92
4.	-63.04	-80.72	-66.35	-86.66	-79.73	-93.93	-74.79
8.	-58.16	-74.52	-69.85	-70.88	-74.16	-81.92	-70.31
10.	-56.58	-77.39	-67.11	-70.76	-70.73	-83.47	-69.78
16.	-53.23	-68.93	-63.80	-67.29	-71.59	-79.59	-66.36
20.	-51.63	-74.19	-68.36	-65.94	-69.20	-76.92	-76.04
25.	-50.03	-76.78	-62.67	-61.11	-71.62	-80.69	-79.26
31.25	-48.42	-74.94	-58.76	-61.56	-63.84	-79.79	-61.79
62.5	-43.38	-54.70	-67.00	-54.95	-59.35	-70.69	-53.27
100.	-39.93	-53.36	-48.65	-51.76	-51.61	-64.17	-45.11
155.	-36.68	-47.06	-50.40	-48.92	-45.44	-53.75	-40.83
200.	-34.78	-44.85	-54.16	-45.30	-47.28	-54.98	-35.65
250.	-33.11	-43.53	-38.97	-41.84	-44.25	-49.88	-34.28



NEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
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.	-65.00	-94.78	-73.54	-86.30	-82.38	-101.76	-86.58
4.	-63.04	-80.86	-65.73	-76.95	-71.50	-90.18	-77.39
8.	-58.16	-69.91	-69.24	-70.00	-67.72	-85.58	-73.75
10.	-56.58	-72.06	-68.72	-73.45	-65.24	-79.92	-66.53
16.	-53.23	-63.30	-75.55	-76.28	-77.40	-80.34	-61.97
20.	-51.63	-60.89	-60.53	-70.86	-67.78	-87.24	-59.77
25.	-50.03	-67.59	-54.11	-60.39	-58.27	-76.73	-62.16
31.25	-48.42	-64.60	-51.36	-57.89	-53.61	-70.91	-61.78
62.5	-43.38	-59.18	-44.29	-51.06	-47.79	-65.46	-63.39
100.	-39.93	-59.87	-44.51	-46.50	-45.00	-57.86	-50.83
155.	-36.68	-45.55	-43.35	-41.08	-46.87	-62.82	-46.25
200.	-34.78	-48.73	-36.52	-38.84	-37.99	-51.38	-42.22
250.	-33.11	-42.25	-38.84	-42.07	-50.34	-51.89	-37.11



PSNEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

PSNEXT - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-73.60	-83.11	-73.31	-83.29
4.	-60.55	-66.10	-76.78	-65.55	-74.26
8.	-55.60	-66.32	-70.81	-66.15	-67.28
10.	-53.99	-65.27	-69.58	-64.06	-66.98
16.	-50.59	-61.16	-66.30	-61.18	-63.42
20.	-48.97	-63.39	-67.21	-64.74	-64.77
25.	-47.34	-58.65	-69.61	-61.62	-60.99
31.25	-45.71	-56.85	-63.30	-56.16	-58.62
62.5	-40.59	-51.60	-53.34	-52.06	-50.97
100.	-37.08	-46.03	-49.24	-42.89	-44.22
155.	-33.78	-43.81	-42.80	-39.20	-40.02
200.	-31.85	-41.79	-42.63	-35.31	-35.16
250.	-30.15	-36.26	-40.35	-32.70	-33.48



PSNEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

PSNEXT - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-73.20	-81.47	-72.79	-83.33
4.	-60.55	-65.28	-70.94	-64.48	-74.00
8.	-55.60	-64.84	-65.62	-64.74	-68.36
10.	-53.99	-66.17	-64.29	-61.81	-65.54
16.	-50.59	-62.36	-62.97	-61.28	-61.72
20.	-48.97	-57.42	-60.04	-56.71	-59.40
25.	-47.34	-53.01	-57.72	-52.22	-58.11
31.25	-45.71	-50.32	-53.20	-49.08	-56.24
62.5	-40.59	-43.35	-47.41	-42.65	-50.66
100.	-37.08	-42.31	-44.65	-41.24	-44.91
155.	-33.78	-38.18	-43.10	-40.43	-39.90
200.	-31.85	-34.36	-37.46	-33.55	-37.04
250.	-30.15	-35.98	-41.23	-34.76	-35.80



ACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
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.	62.84	86.88	72.13	90.06	83.63	94.92	83.13
4.	59.02	77.14	62.73	83.14	76.11	90.42	71.27
8.	52.49	69.47	64.71	65.91	69.03	76.95	65.34
10.	50.24	71.74	61.35	65.19	64.98	77.90	64.21
16.	45.18	61.78	56.51	60.25	64.31	72.55	59.33
20.	42.60	66.20	60.21	58.07	61.05	69.05	68.17
25.	39.89	67.83	53.54	52.29	62.49	71.87	70.44
31.25	37.02	64.92	48.49	51.66	53.57	69.89	51.89
62.5	26.89	40.42	52.23	40.88	44.58	56.62	39.20
100.	18.61	35.02	29.82	33.62	32.78	46.03	26.98
155.	9.42	24.07	26.64	26.11	21.69	30.94	18.02
200.	3.22	18.21	26.90	19.38	20.02	29.06	9.73
250.	-2.87	13.89	8.06	12.27	13.34	20.32	4.72



ACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
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.	62.84	92.99	71.73	84.51	80.57	99.96	84.79
4.	59.02	77.29	62.10	73.43	67.87	86.66	73.87
8.	52.49	64.86	64.10	65.02	62.58	80.60	68.78
10.	50.24	66.41	62.96	67.88	59.47	74.35	60.96
16.	45.18	56.16	68.25	69.25	70.09	73.30	54.94
20.	42.60	52.90	52.35	62.98	59.60	79.35	51.89
25.	39.89	58.63	44.95	51.55	49.10	67.89	53.32
31.25	37.02	54.56	41.07	47.99	43.32	61.00	51.88
62.5	26.89	44.82	29.57	36.93	33.06	51.34	49.27
100.	18.61	41.58	25.63	28.38	26.12	39.74	32.71
155.	9.42	22.46	19.60	18.31	23.12	40.05	23.48
200.	3.22	22.18	9.13	12.92	10.60	25.46	16.30
250.	-2.87	12.69	7.92	12.51	19.42	22.33	7.54



PSACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

PSACR - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.84	71.79	81.32	71.51	81.50
4.	56.52	62.52	73.21	61.94	70.74
8.	49.93	61.25	65.75	61.02	62.31
10.	47.66	59.59	63.93	58.30	61.41
16.	42.54	53.98	59.16	53.89	56.39
20.	39.94	55.35	59.22	56.59	56.89
25.	37.20	49.63	60.65	52.48	52.17
31.25	34.31	46.74	53.27	45.89	48.72
62.5	24.10	37.12	39.05	37.29	36.89
100.	15.77	27.51	30.91	24.06	26.08
155.	6.52	20.69	19.82	15.45	17.21
200.	0.29	14.70	15.99	8.04	9.24
250.	-5.83	6.44	10.72	1.78	3.92



PSACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

PSACR - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.84	71.38	79.67	70.98	81.54
4.	56.52	61.69	67.36	60.85	70.48
8.	49.93	59.76	60.57	59.60	63.38
10.	47.66	60.48	58.63	56.04	59.97
16.	42.54	55.17	55.84	53.98	54.69
20.	39.94	49.37	52.05	48.53	51.52
25.	37.20	43.99	48.76	43.05	49.27
31.25	34.31	40.20	43.17	38.80	46.33
62.5	24.10	28.84	33.05	27.92	36.54
100.	15.77	23.82	26.36	22.35	26.79
155.	6.52	14.86	20.01	16.68	17.13
200.	0.29	7.22	10.91	6.16	11.12
250.	-5.83	6.09	11.67	3.84	6.23



FEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
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.	-86.82	-66.52	-76.30	-86.33	-82.16	-85.87	-66.57	-82.96	-96.29	-76.91	-88.20	-93.19
4.	-77.21	-57.13	-66.14	-77.18	-71.52	-77.91	-57.08	-71.70	-83.56	-66.32	-77.83	-82.47
8.	-71.51	-53.13	-61.86	-71.62	-66.46	-73.37	-52.98	-66.67	-77.18	-61.98	-73.45	-77.85
10.	-69.97	-52.09	-61.00	-70.27	-65.69	-72.15	-51.97	-65.58	-74.79	-60.96	-72.05	-77.21
16.	-67.12	-49.96	-59.98	-67.46	-65.83	-69.98	-50.06	-66.17	-73.40	-59.45	-69.92	-75.96
20.	-66.39	-49.23	-60.06	-66.24	-67.44	-69.38	-49.47	-69.37	-74.09	-59.76	-69.30	-80.33
25.	-64.51	-48.86	-60.95	-64.94	-72.88	-68.61	-49.17	-77.93	-75.75	-60.97	-68.54	-77.69
31.25	-62.48	-49.09	-62.95	-62.99	-67.11	-66.98	-49.18	-67.21	-69.31	-64.11	-67.10	-67.52
62.5	-58.26	-62.19	-57.15	-58.24	-54.48	-66.94	-55.72	-55.30	-61.17	-57.38	-66.60	-62.38
100.	-64.77	-47.96	-60.76	-55.55	-59.60	-65.74	-47.69	-60.36	-59.08	-64.18	-62.99	-56.35
155.	-67.07	-45.65	-53.35	-63.27	-62.98	-66.61	-46.51	-63.90	-65.69	-56.37	-64.89	-62.91
200.	-83.87	-57.84	-63.61	-62.58	-61.62	-62.26	-57.67	-61.16	-74.43	-62.86	-58.72	-65.19
250.	-62.73	-49.95	-58.10	-64.12	-60.36	-65.60	-50.69	-59.00	-65.18	-59.12	-65.13	-70.23



ACRF (ELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
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.	-63.09	-85.03	-64.72	-74.51	-84.52	-80.36	-84.08	-64.76	-81.17	-94.50	-75.10	-86.41	-91.39
4.	-51.22	-73.64	-53.52	-62.62	-73.59	-67.90	-74.39	-53.49	-68.13	-80.04	-62.73	-74.26	-78.85
8.	-45.20	-66.45	-48.00	-56.89	-66.54	-61.33	-68.40	-47.90	-61.62	-72.21	-56.90	-68.39	-72.72
10.	-43.26	-64.31	-46.34	-55.43	-64.58	-59.94	-66.58	-46.28	-59.93	-69.22	-55.28	-66.39	-71.46
16.	-39.18	-59.98	-42.67	-52.95	-60.28	-58.55	-62.95	-42.88	-59.03	-66.37	-52.27	-62.78	-68.67
20.	-37.24	-58.40	-41.08	-52.19	-58.20	-59.29	-61.51	-41.43	-61.38	-66.22	-51.72	-61.31	-72.18
25.	-35.30	-55.56	-39.72	-52.12	-55.93	-63.74	-59.79	-40.15	-68.98	-66.92	-51.95	-59.58	-68.56
31.25	-33.36	-52.45	-38.82	-53.05	-52.89	-56.83	-57.08	-39.08	-57.19	-59.41	-54.01	-57.08	-57.24
62.5	-27.34	-43.98	-47.42	-43.07	-43.76	-39.71	-52.86	-41.24	-41.02	-47.09	-42.90	-52.32	-47.61
100.	-23.26	-46.44	-29.13	-42.63	-37.02	-40.77	-47.61	-29.16	-42.02	-40.95	-45.66	-44.66	-37.52
155.	-19.45	-44.08	-21.90	-30.54	-40.15	-39.22	-43.80	-23.40	-40.91	-42.88	-33.25	-41.90	-39.16
200.	-17.24	-57.23	-30.58	-37.69	-35.50	-34.36	-36.33	-30.59	-34.52	-48.50	-35.78	-32.09	-37.93
250.	-15.30	-33.09	-19.04	-28.53	-34.30	-29.44	-36.04	-20.88	-29.37	-35.62	-29.30	-35.50	-39.31



PSFEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

PSFEXT - Near End (dB)				
Freq (MHz)	45	12	36	78
1.	-66.05	-79.56	-66.46	-76.48
4.	-56.58	-69.75	-56.92	-65.92
8.	-52.53	-64.67	-52.78	-61.57
10.	-51.51	-63.72	-51.76	-60.54
16.	-49.47	-62.67	-49.94	-58.99
20.	-48.81	-62.72	-49.41	-59.27
25.	-48.49	-62.93	-49.15	-60.19
31.25	-48.73	-60.47	-49.07	-61.18
62.5	-53.95	-52.79	-51.94	-55.81
100.	-47.65	-53.82	-47.17	-54.95
155.	-44.94	-59.23	-46.38	-55.03
200.	-56.81	-57.36	-56.00	-56.65
250.	-49.14	-58.00	-49.96	-57.89



PSACRF (PSELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

PSACRF (PSELFEXT) - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-60.09	-64.24	-77.77	-64.66	-74.69
4.	-48.22	-52.99	-66.18	-53.31	-62.41
8.	-42.20	-47.45	-59.62	-47.65	-56.60
10.	-40.26	-45.82	-58.06	-46.00	-54.97
16.	-36.18	-42.28	-55.53	-42.65	-51.96
20.	-34.24	-40.77	-54.74	-41.26	-51.39
25.	-32.30	-39.47	-53.97	-40.01	-51.36
31.25	-30.36	-38.62	-50.45	-38.80	-51.28
62.5	-24.34	-39.47	-38.50	-37.17	-41.73
100.	-20.26	-29.12	-35.48	-28.34	-36.81
155.	-16.45	-21.83	-36.24	-22.63	-32.22
200.	-14.24	-29.73	-30.72	-28.74	-30.72
250.	-12.30	-19.32	-28.37	-19.05	-28.32



Return Loss - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

Return Loss - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-39.26	-38.60	-33.88	-42.80
4.	-19.00	-43.66	-46.82	-40.83	-43.12
8.	-19.00	-44.15	-38.03	-37.29	-34.71
10.	-18.98	-37.40	-33.50	-29.44	-35.59
16.	-17.98	-55.15	-52.05	-27.39	-45.77
20.	-17.50	-37.09	-41.21	-29.78	-30.67
25.	-17.01	-48.68	-33.82	-53.44	-49.81
31.25	-16.53	-59.18	-36.14	-44.41	-37.62
62.5	-14.04	-32.88	-24.49	-39.08	-48.34
100.	-12.00	-50.30	-33.41	-39.16	-27.88
155.	-10.10	-42.93	-28.87	-34.52	-22.73
200.	-8.99	-24.83	-18.52	-29.64	-31.86
250.	-8.02	-23.23	-25.95	-36.80	-32.87



Return Loss - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

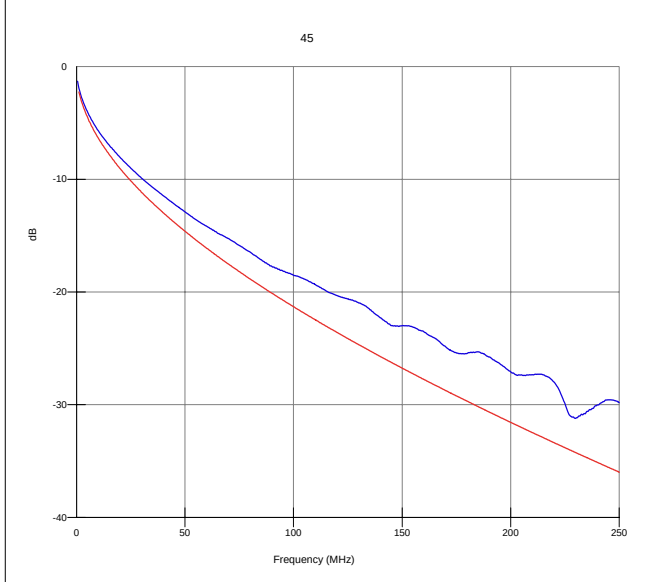
Return Loss - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-37.61	-39.79	-34.96	-40.23
4.	-19.00	-38.92	-34.21	-45.70	-36.56
8.	-19.00	-34.94	-29.13	-31.33	-31.41
10.	-18.98	-34.49	-27.98	-27.82	-29.28
16.	-17.98	-46.00	-36.65	-31.75	-42.69
20.	-17.50	-40.34	-42.07	-43.39	-35.24
25.	-17.01	-35.25	-29.77	-50.33	-31.83
31.25	-16.53	-38.35	-26.25	-31.21	-50.32
62.5	-14.04	-38.02	-42.82	-30.42	-27.13
100.	-12.00	-25.16	-22.78	-29.90	-25.66
155.	-10.10	-25.04	-31.07	-28.54	-23.74
200.	-8.99	-18.07	-45.00	-36.40	-26.70
250.	-8.02	-44.59	-21.16	-30.80	-20.66



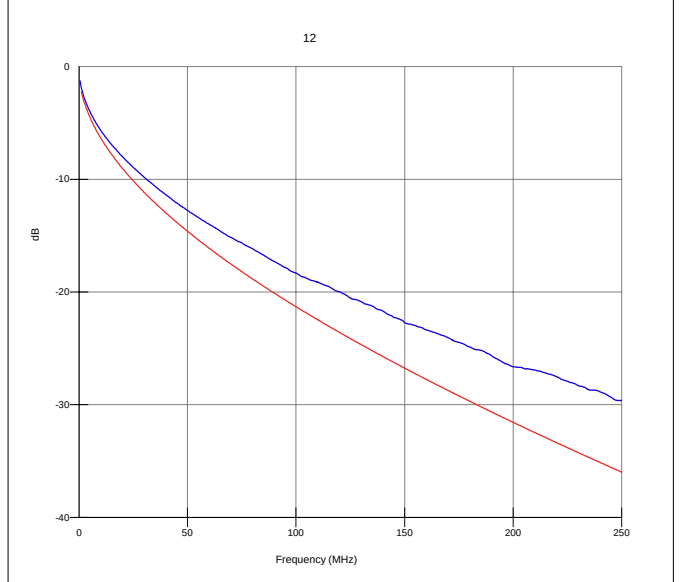
Insertion Loss

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

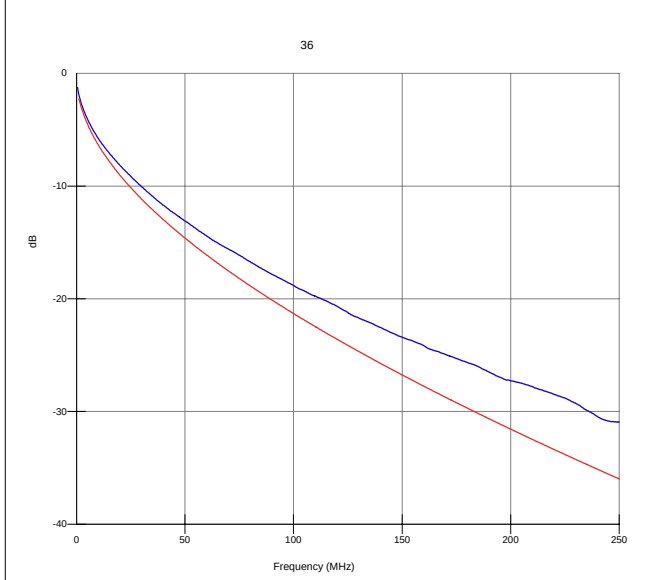
Limit Margin : 0.335 dB @ 1.124 MHz



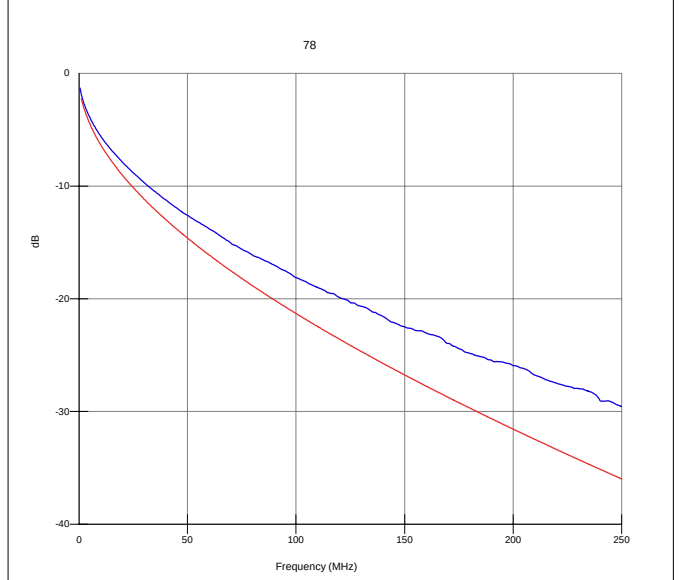
Limit Margin : 0.347 dB @ 1.124 MHz



Limit Margin : 0.333 dB @ 1.124 MHz



Limit Margin : 0.346 dB @ 1.124 MHz

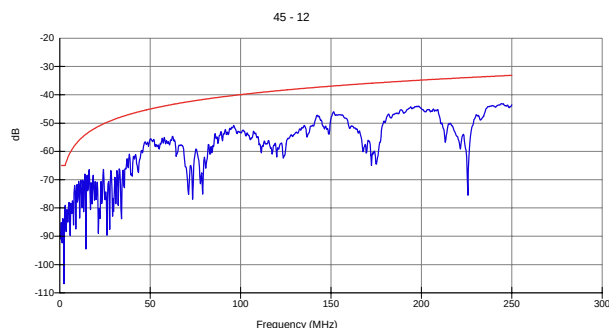




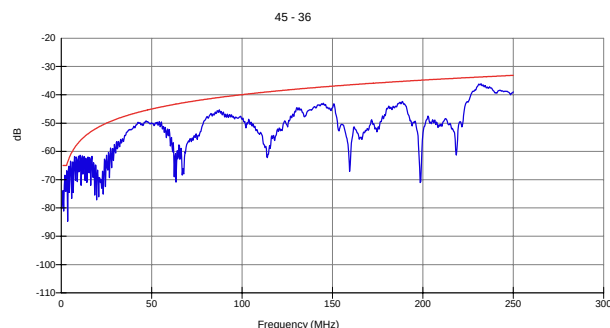
NEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

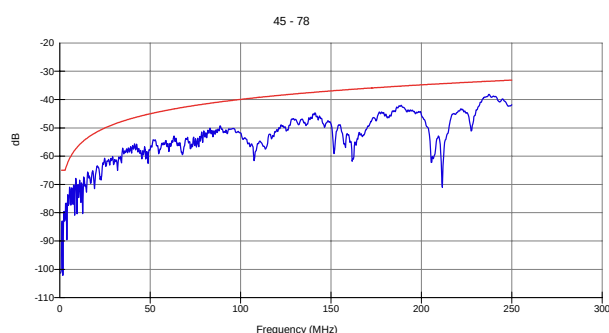
Limit Margin : 9.094 dB @ 197.605 MHz



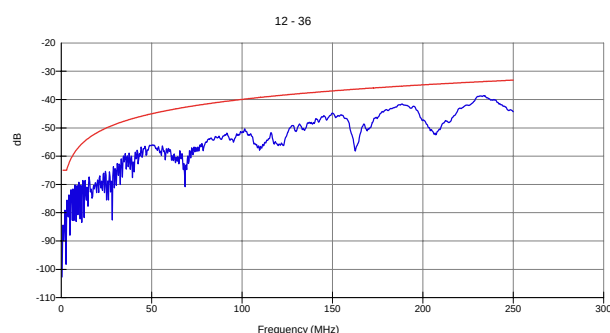
Limit Margin : 1.831 dB @ 2.995 MHz



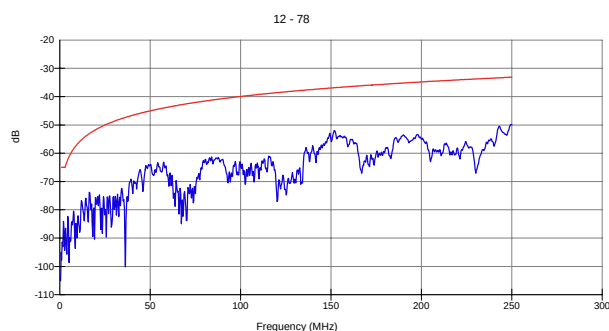
Limit Margin : 4.632 dB @ 237.525 MHz



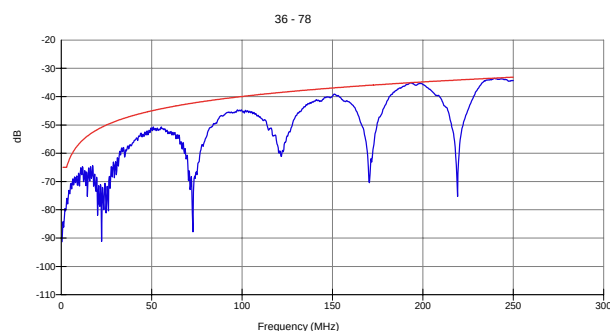
Limit Margin : 4.998 dB @ 231.599 MHz



Limit Margin : 15.151 dB @ 151.759 MHz



Limit Margin : 0.058 dB @ 193.239 MHz

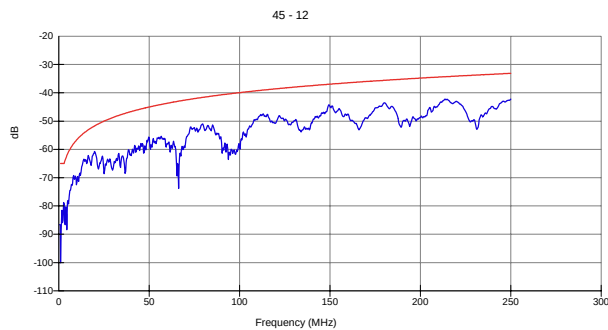




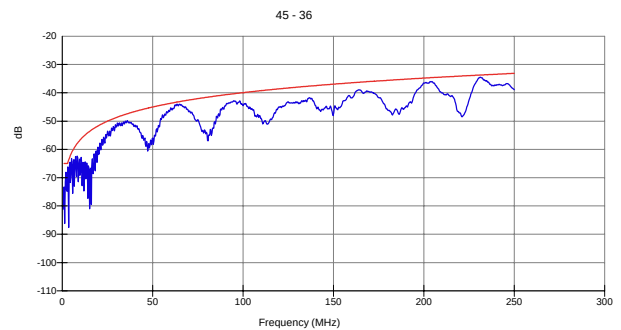
NEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

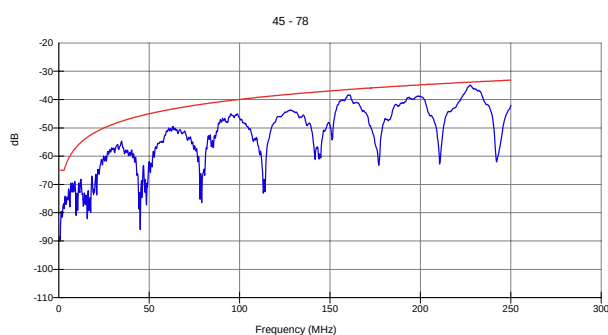
Limit Margin : 7.262 dB @ 149.576 MHz



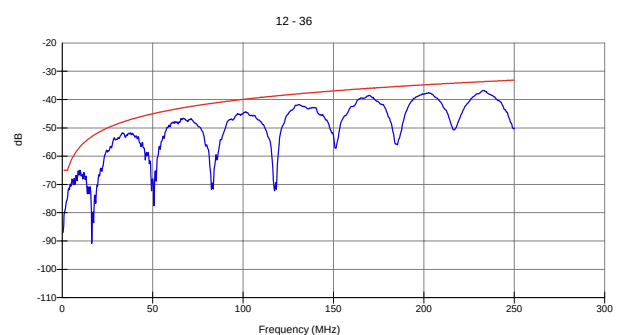
Limit Margin : 0.745 dB @ 63.499 MHz



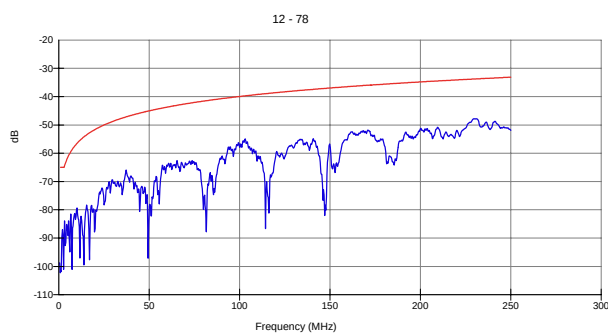
Limit Margin : 1.063 dB @ 227.545 MHz



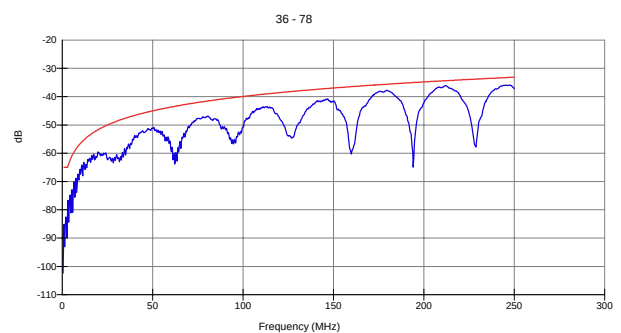
Limit Margin : 2.483 dB @ 169.848 MHz



Limit Margin : 14.047 dB @ 229.416 MHz



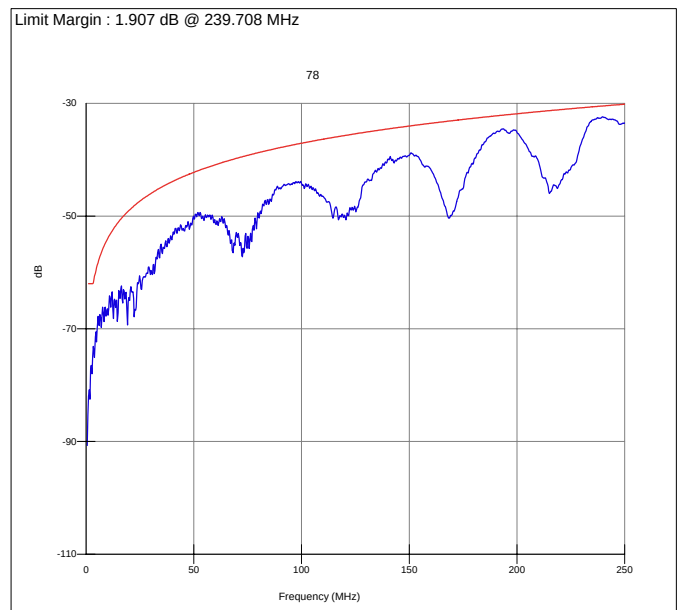
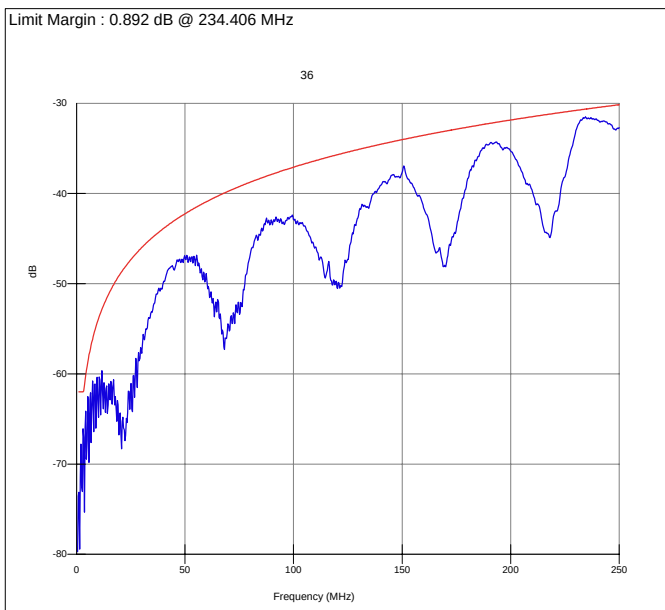
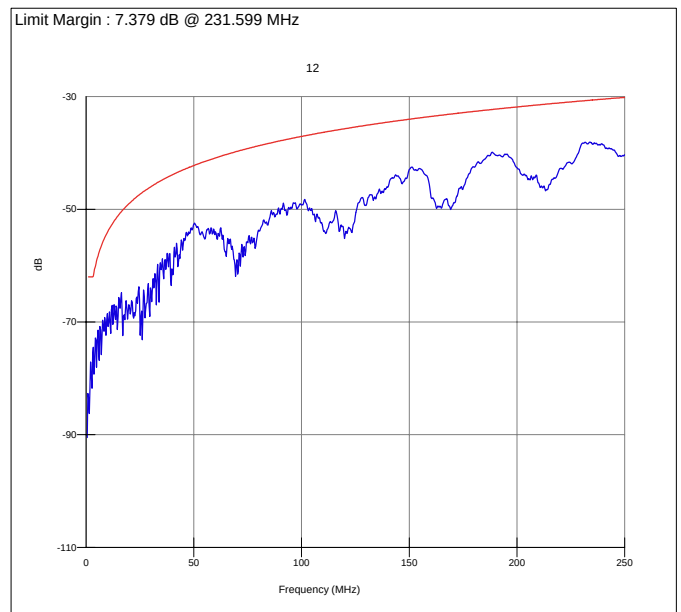
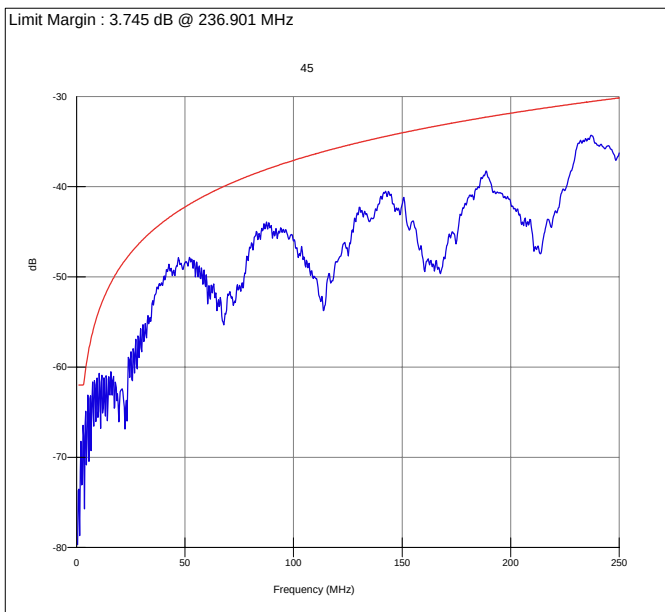
Limit Margin : 1.766 dB @ 211.951 MHz





PSNEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

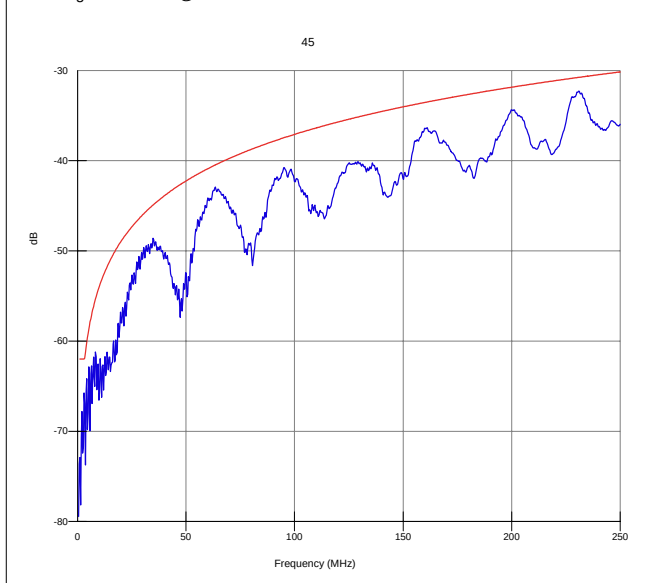




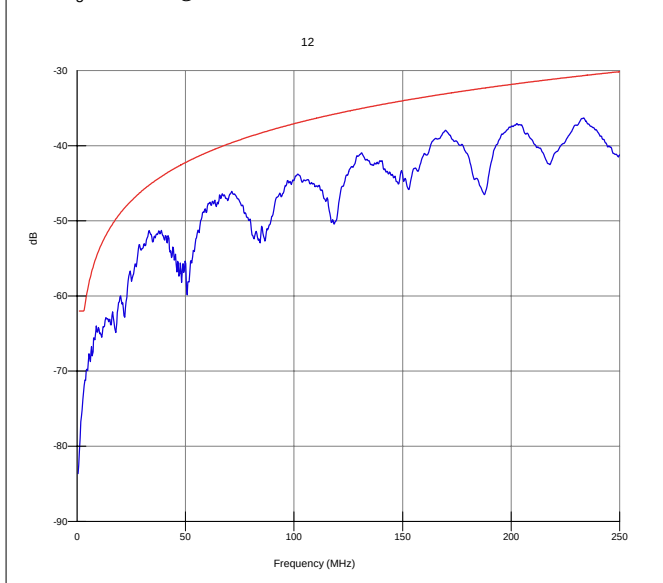
PSNEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

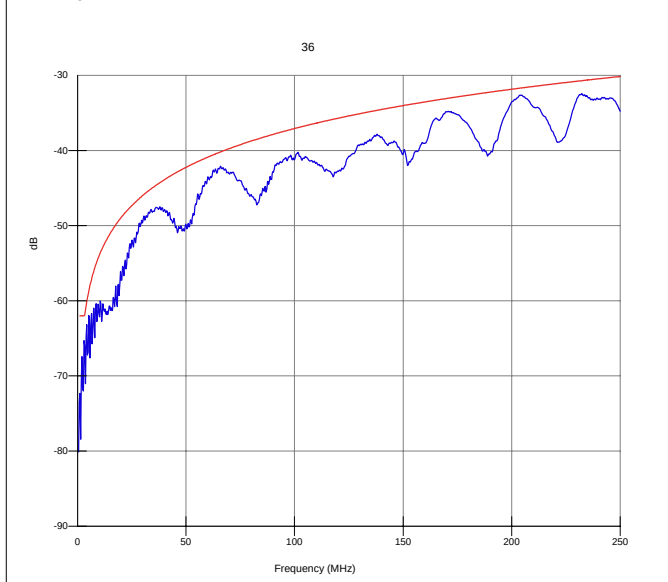
Limit Margin : 1.521 dB @ 230.976 MHz



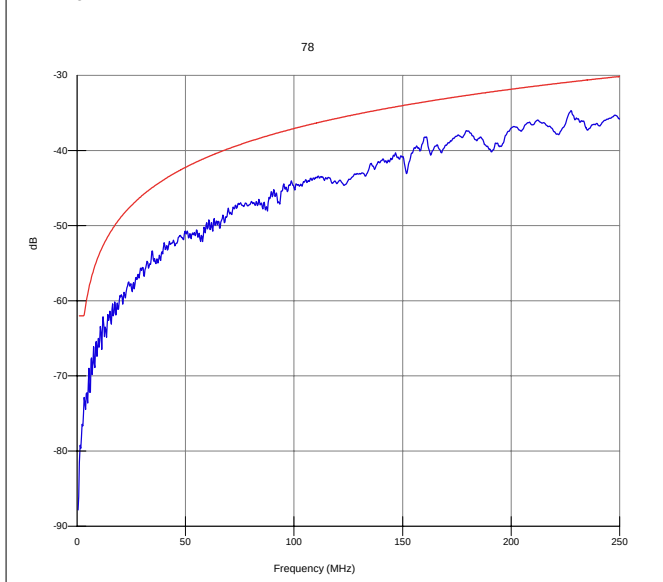
Limit Margin : 4.858 dB @ 169.848 MHz



Limit Margin : 0.929 dB @ 203.843 MHz



Limit Margin : 3.808 dB @ 227.545 MHz

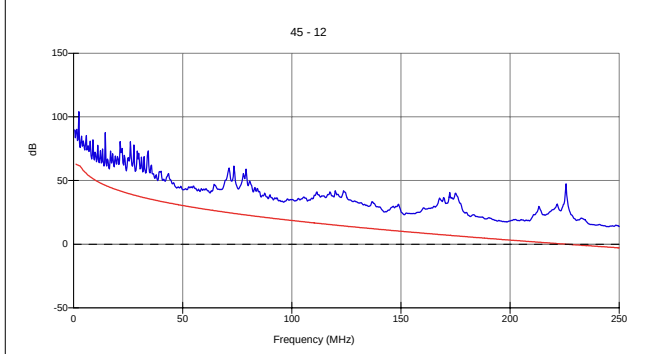




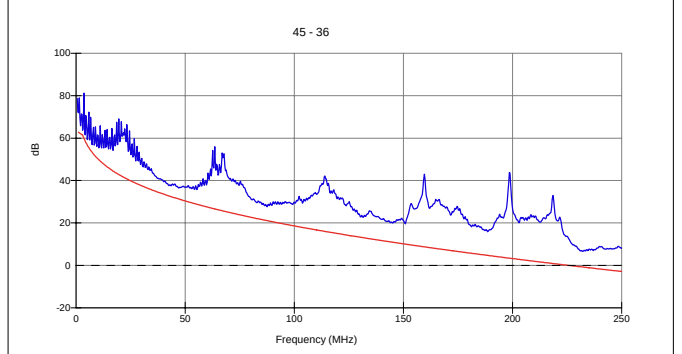
ACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

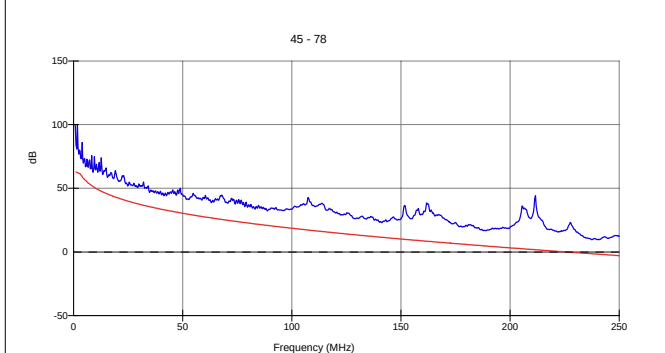
Limit Margin : 12.426 dB @ 50.400 MHz



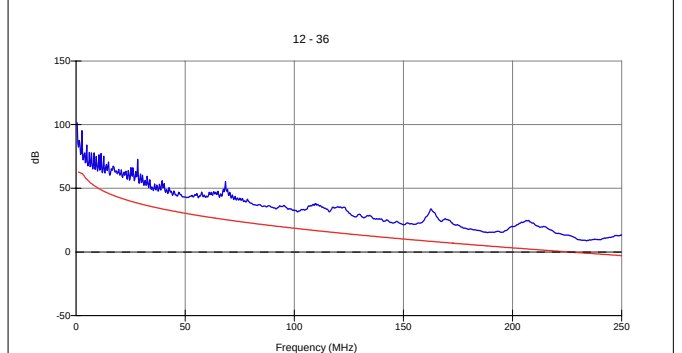
Limit Margin : 2.215 dB @ 2.995 MHz



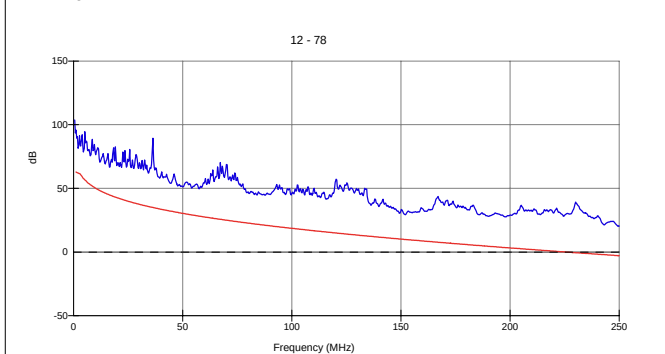
Limit Margin : 10.712 dB @ 5.490 MHz



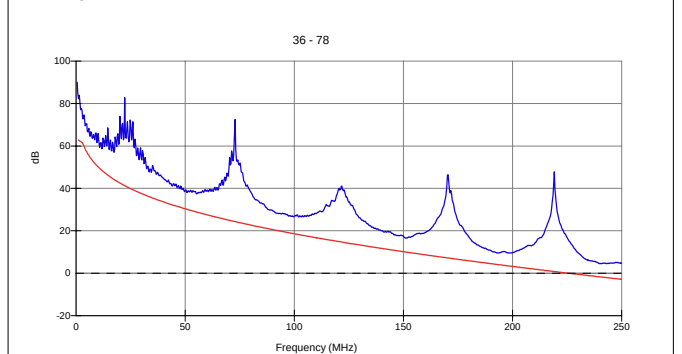
Limit Margin : 9.830 dB @ 233.783 MHz



Limit Margin : 19.449 dB @ 2.059 MHz



Limit Margin : 5.421 dB @ 193.239 MHz

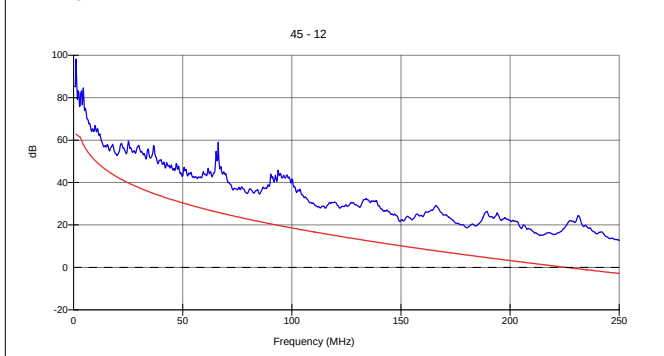




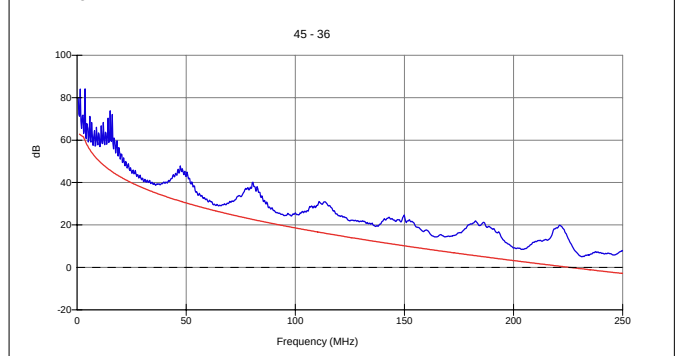
ACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

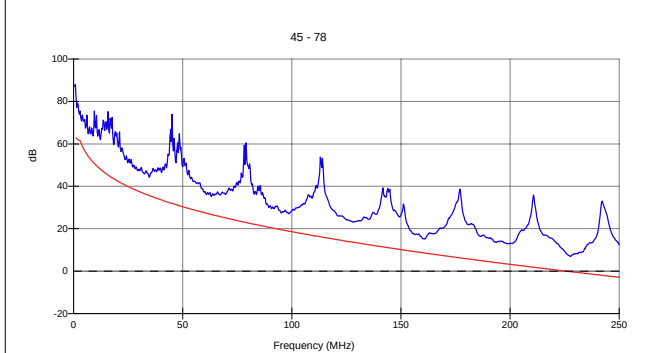
Limit Margin : 10.040 dB @ 13.911 MHz



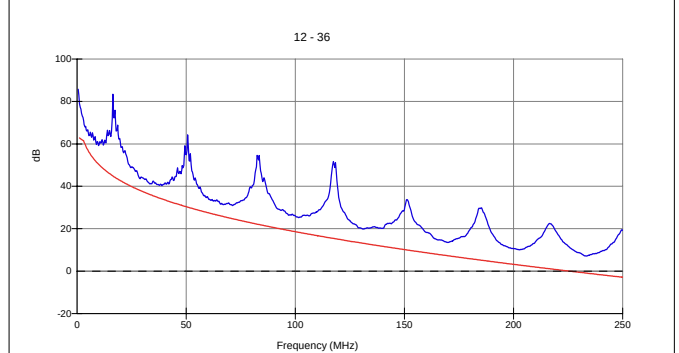
Limit Margin : 1.572 dB @ 2.995 MHz



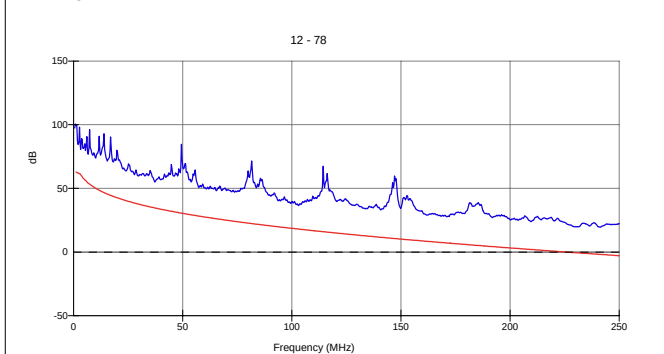
Limit Margin : 6.613 dB @ 160.180 MHz



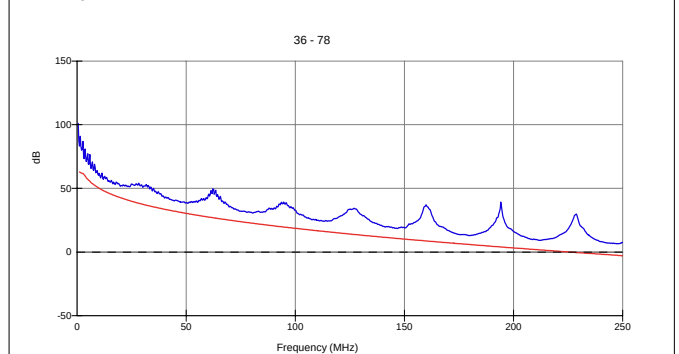
Limit Margin : 4.968 dB @ 33.247 MHz



Limit Margin : 18.477 dB @ 103.107 MHz



Limit Margin : 7.026 dB @ 179.204 MHz

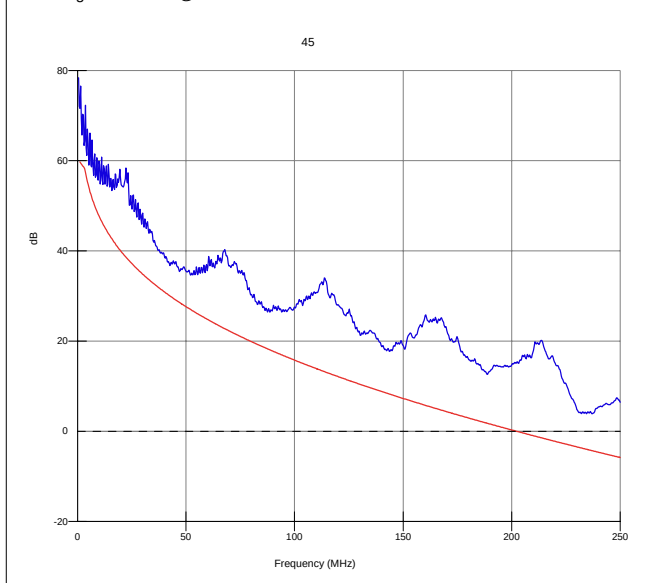




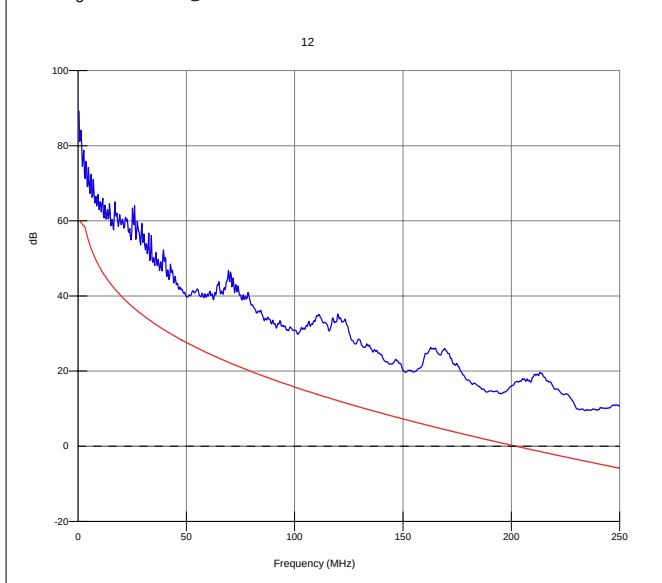
PSACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

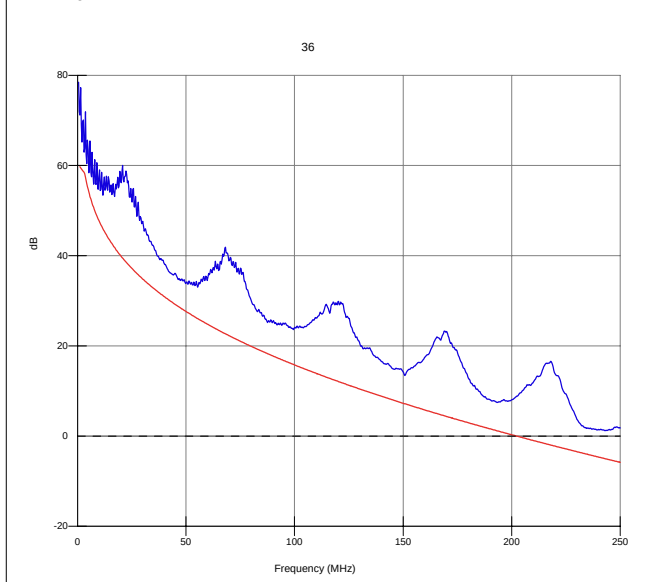
Limit Margin : 4.865 dB @ 2.995 MHz



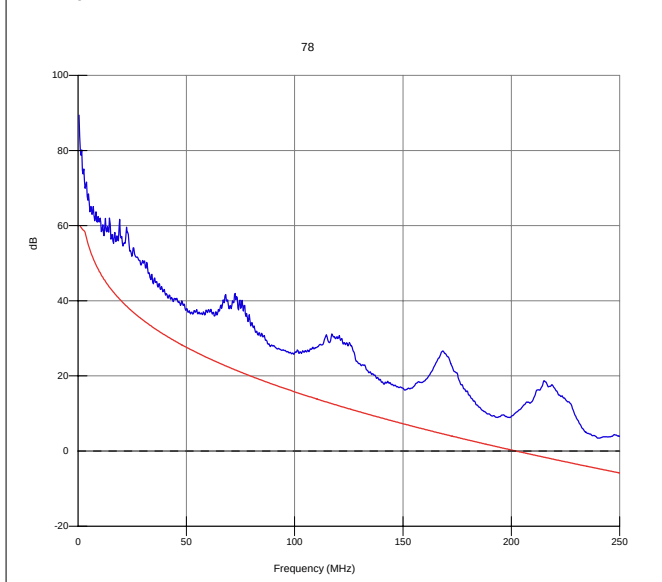
Limit Margin : 12.128 dB @ 50.400 MHz



Limit Margin : 4.255 dB @ 5.178 MHz



Limit Margin : 7.803 dB @ 192.927 MHz

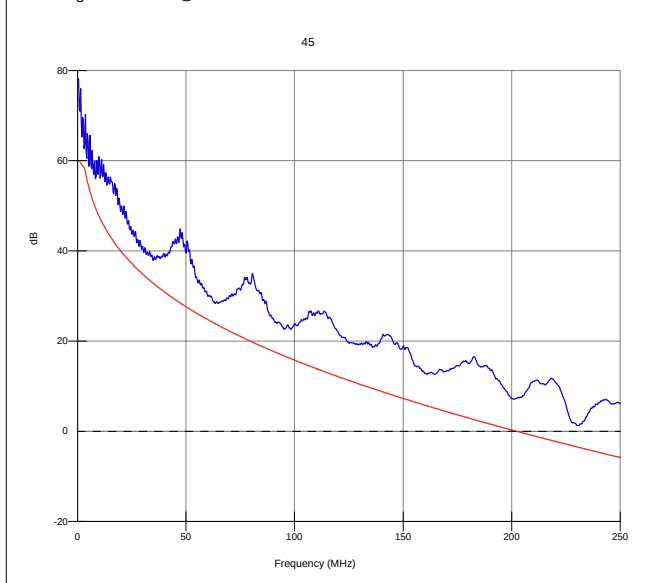




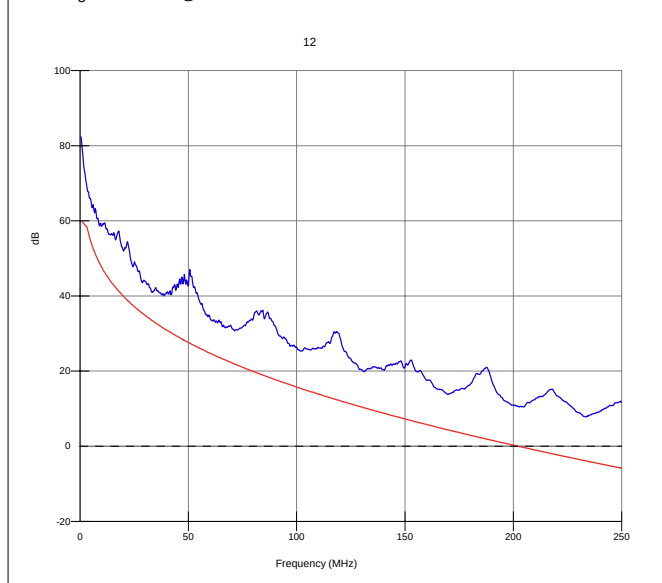
PSACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

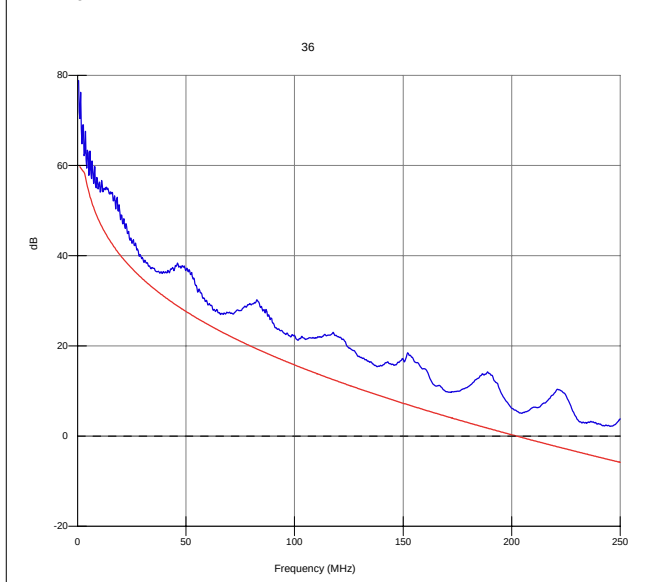
Limit Margin : 4.165 dB @ 2.995 MHz



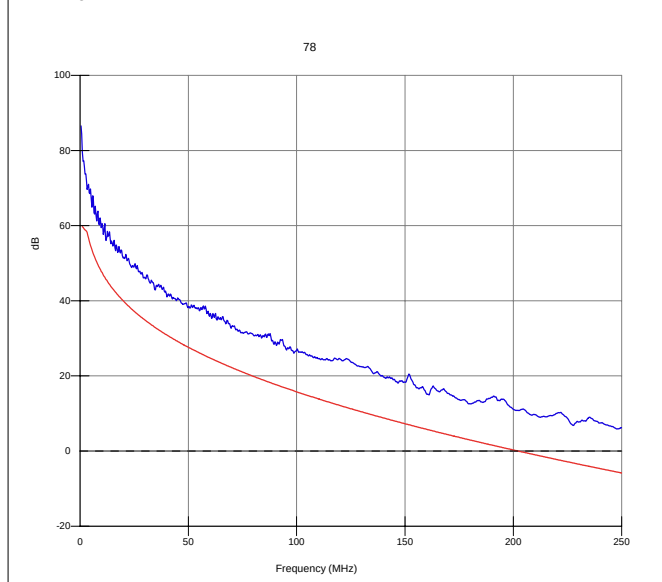
Limit Margin : 7.458 dB @ 33.247 MHz



Limit Margin : 3.439 dB @ 4.243 MHz



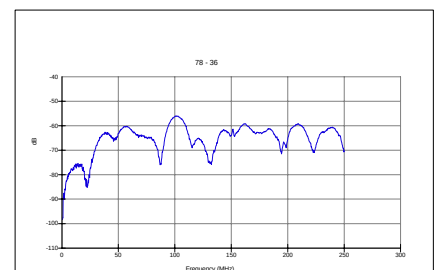
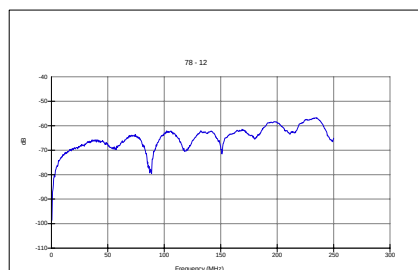
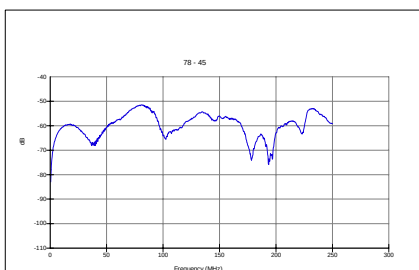
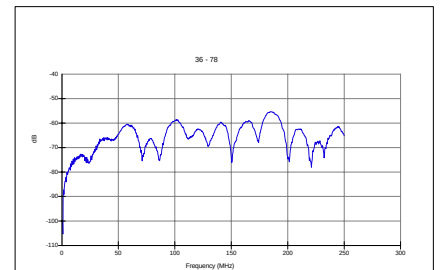
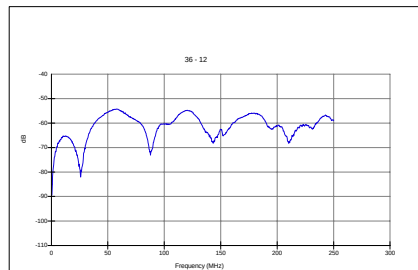
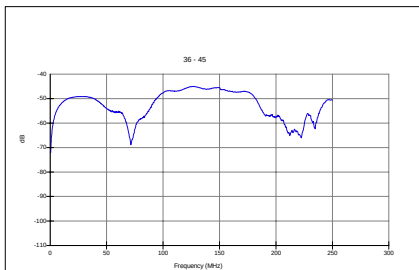
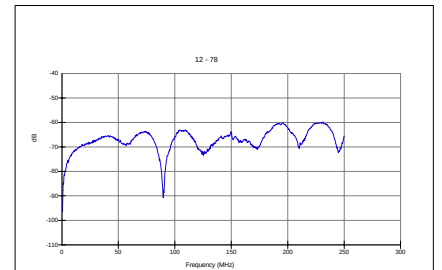
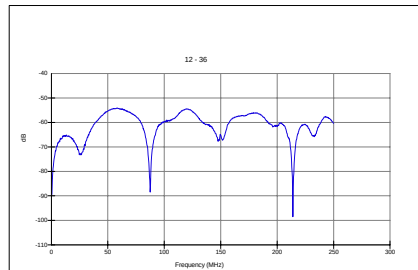
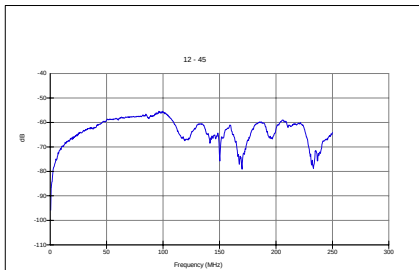
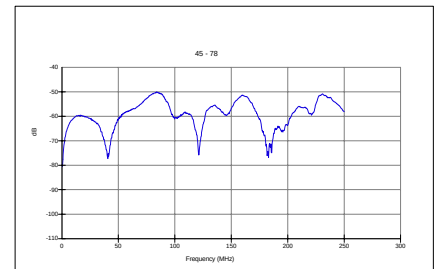
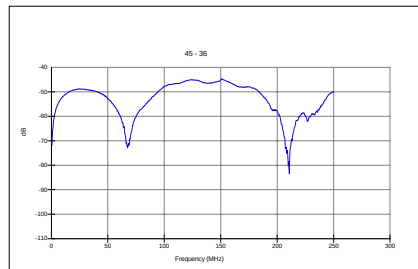
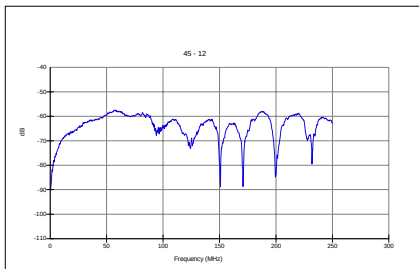
Limit Margin : 9.347 dB @ 160.804 MHz





FEXT - Near End

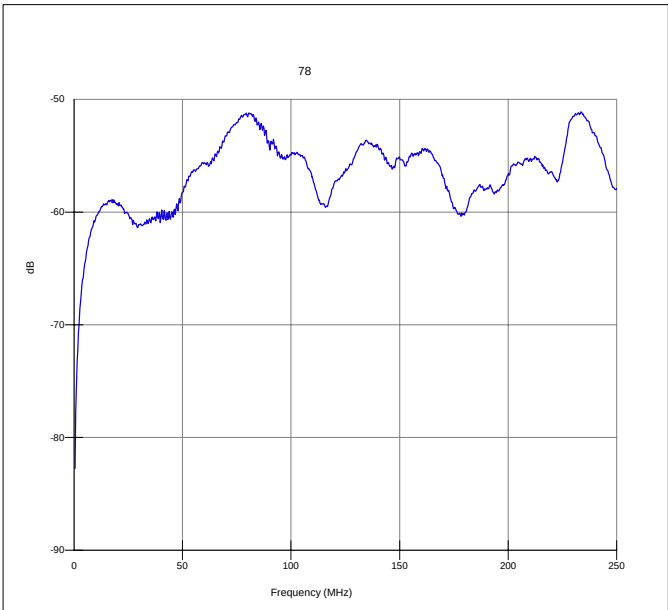
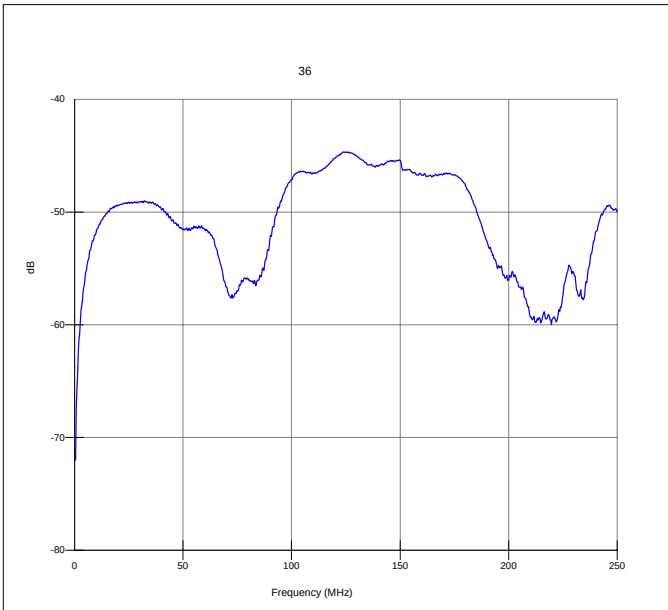
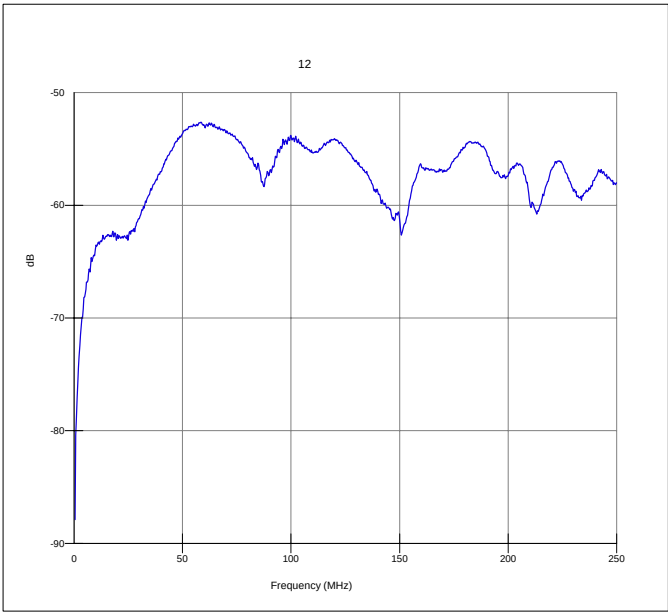
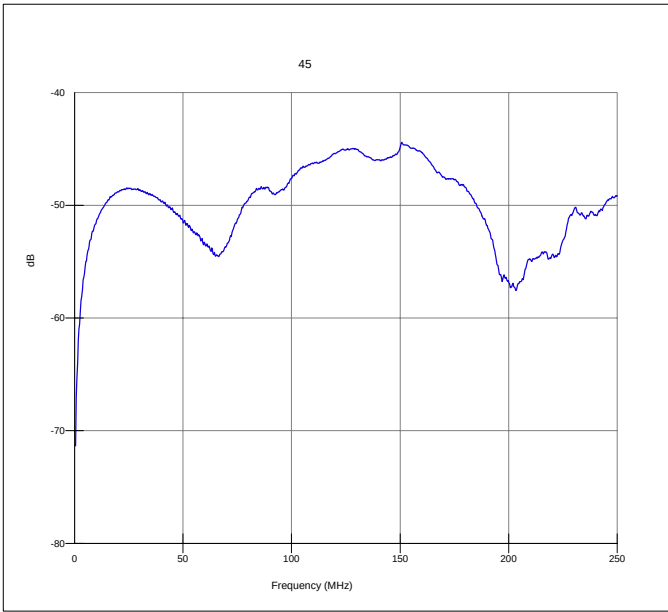
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





PSFEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

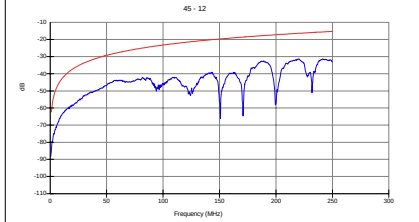




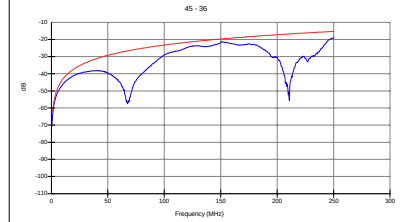
ACRF (ELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

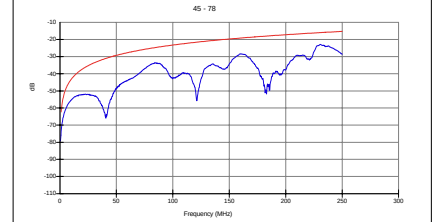
Limit Margin : 14.779 dB @ 189.184 MHz



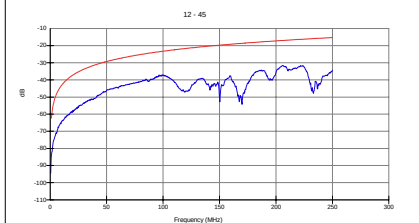
Limit Margin : 1.568 dB @ 150.824 MHz



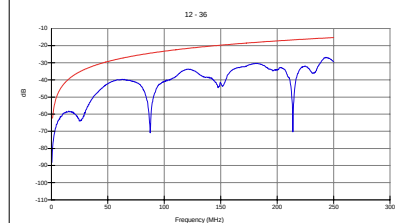
Limit Margin : 6.898 dB @ 230.664 MHz



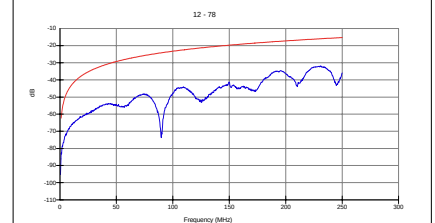
Limit Margin : 13.592 dB @ 96.246 MHz



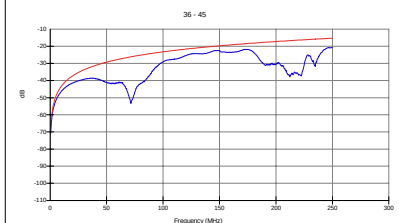
Limit Margin : 11.259 dB @ 242.827 MHz



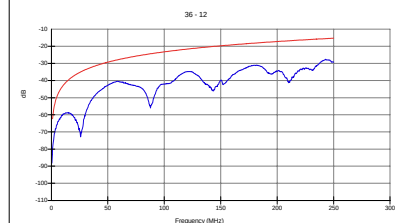
Limit Margin : 15.869 dB @ 230.664 MHz



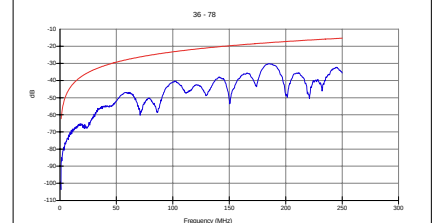
Limit Margin : 1.689 dB @ 1.748 MHz



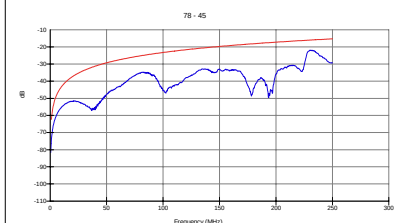
Limit Margin : 12.041 dB @ 242.827 MHz



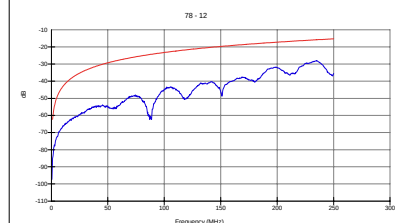
Limit Margin : 12.271 dB @ 184.506 MHz



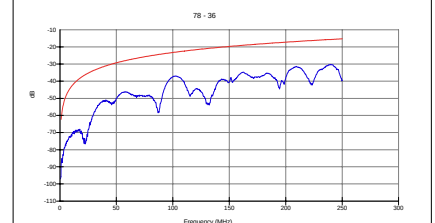
Limit Margin : 5.969 dB @ 230.976 MHz



Limit Margin : 12.263 dB @ 235.030 MHz



Limit Margin : 13.866 dB @ 102.795 MHz

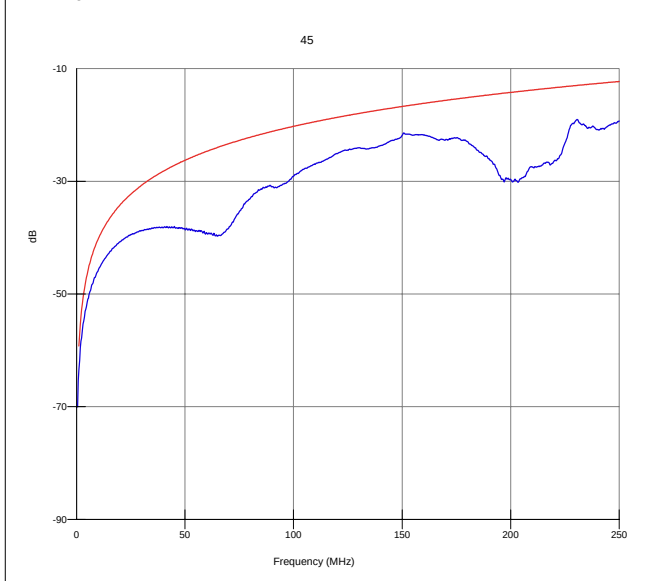




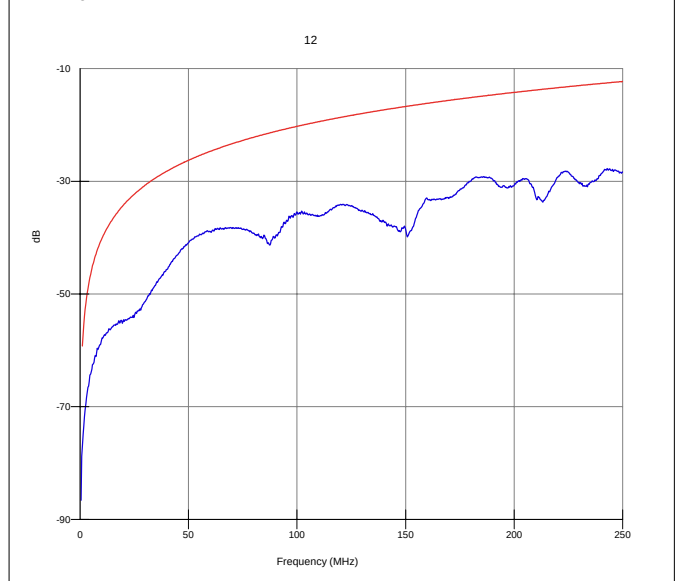
PSACRF (PSELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

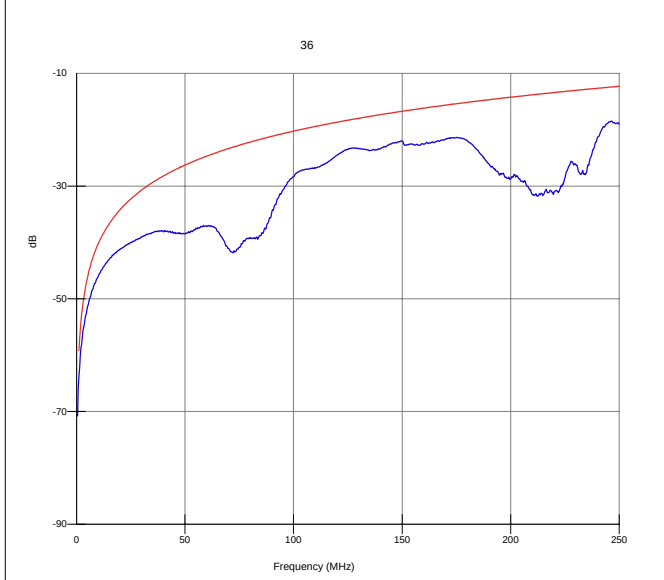
Limit Margin : 4.151 dB @ 1.748 MHz



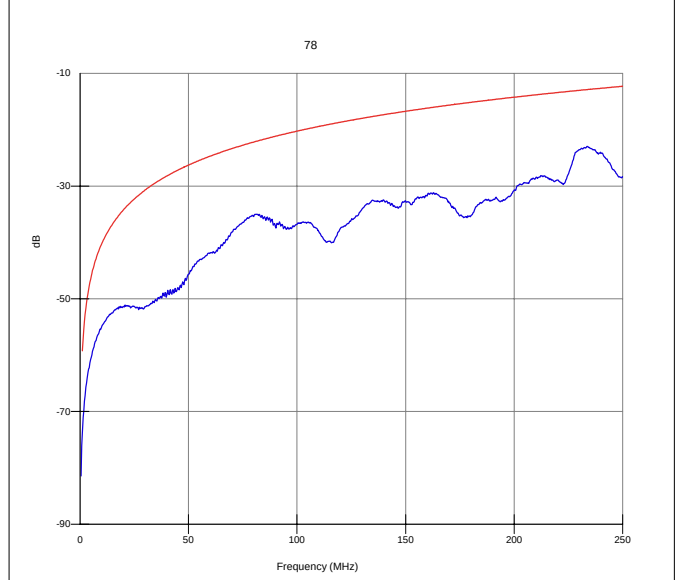
Limit Margin : 13.878 dB @ 58.509 MHz



Limit Margin : 4.552 dB @ 1.748 MHz



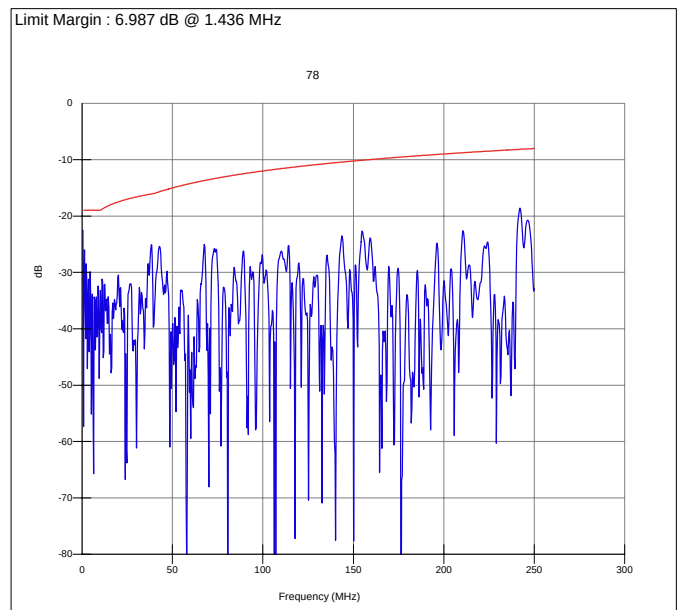
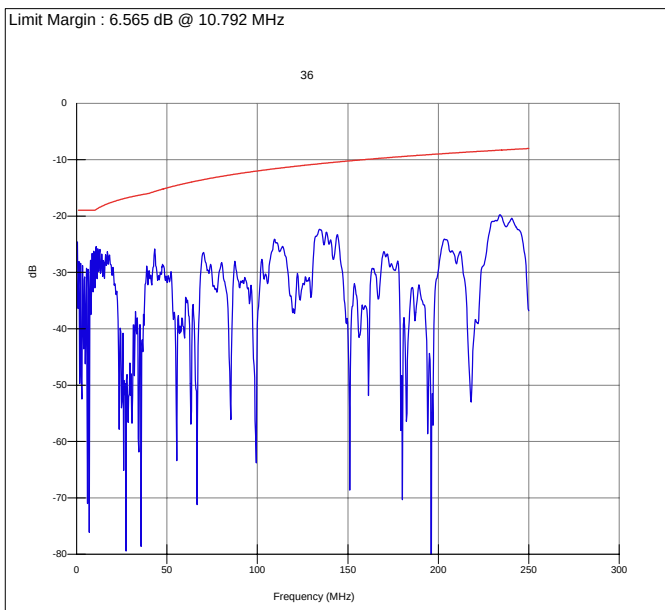
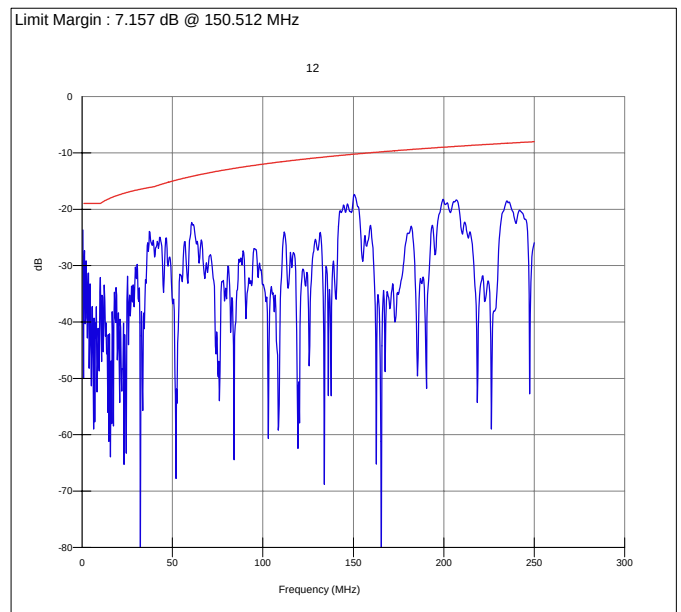
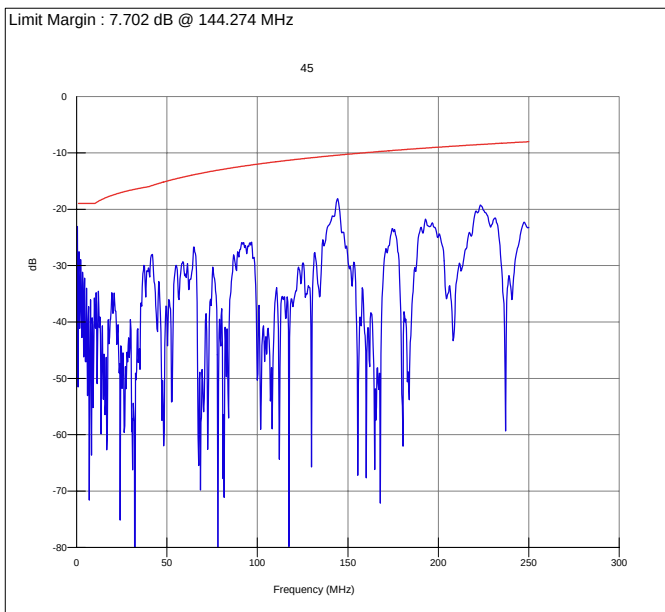
Limit Margin : 10.082 dB @ 233.471 MHz





Return Loss - Near End

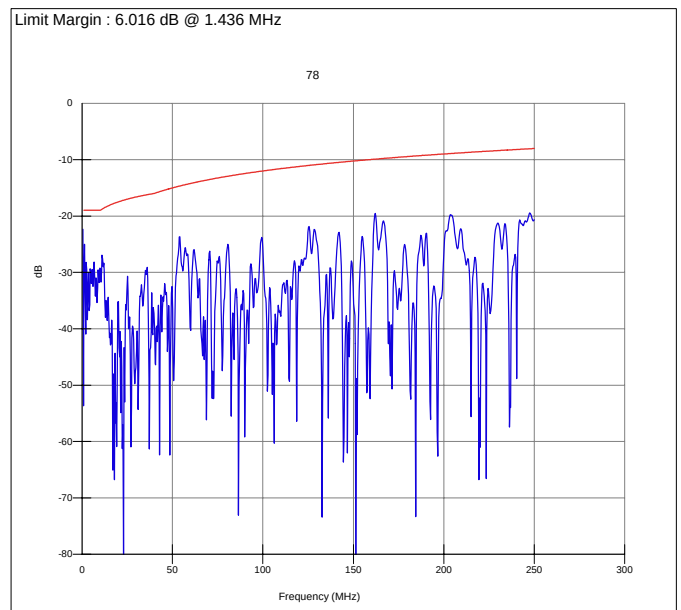
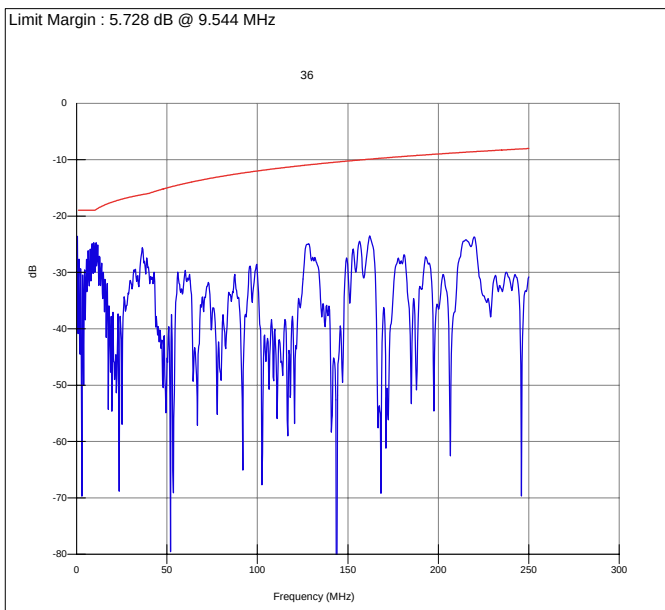
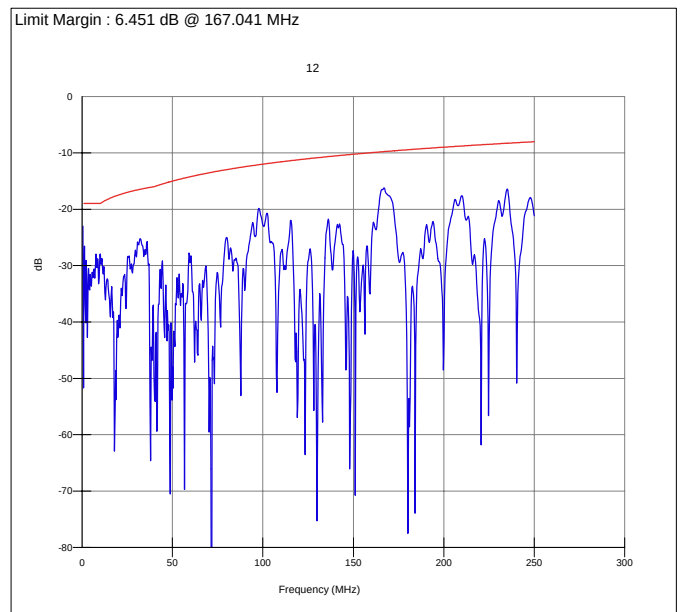
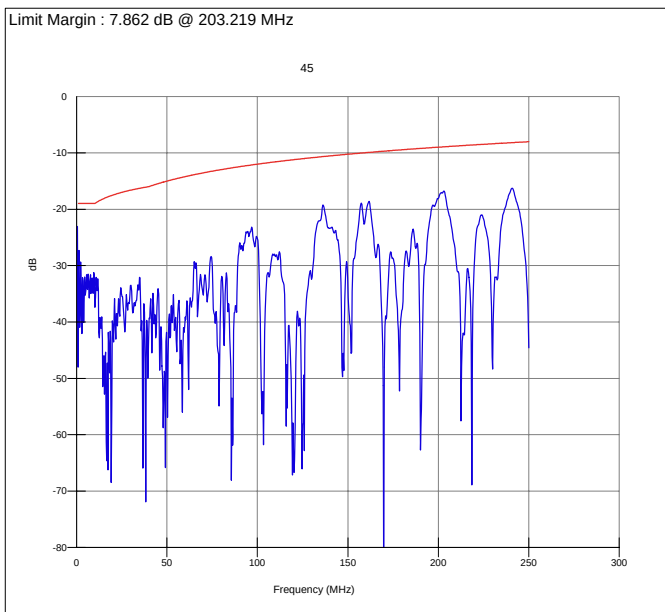
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Return Loss - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

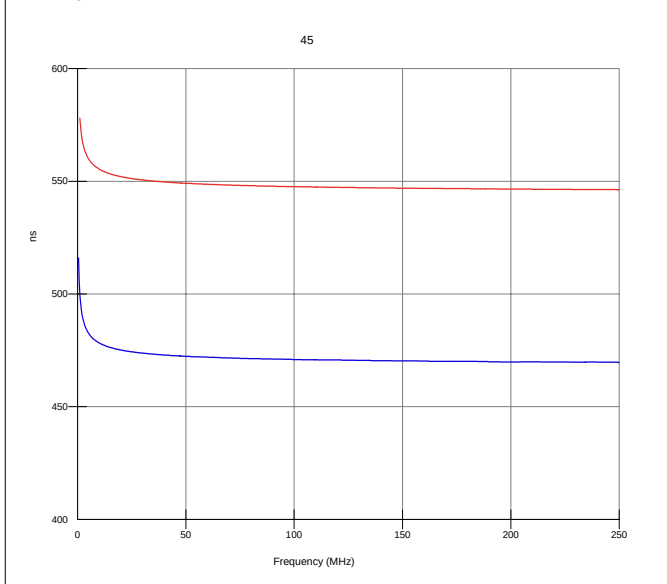




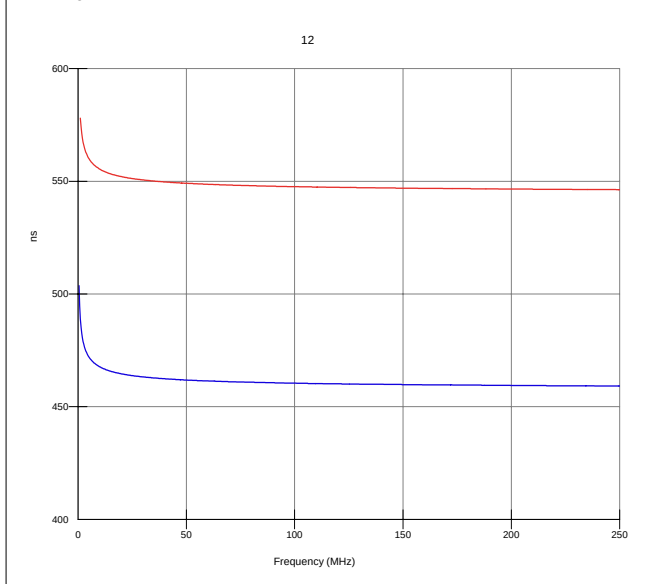
Propagation Delay - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 12:49:04 PM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

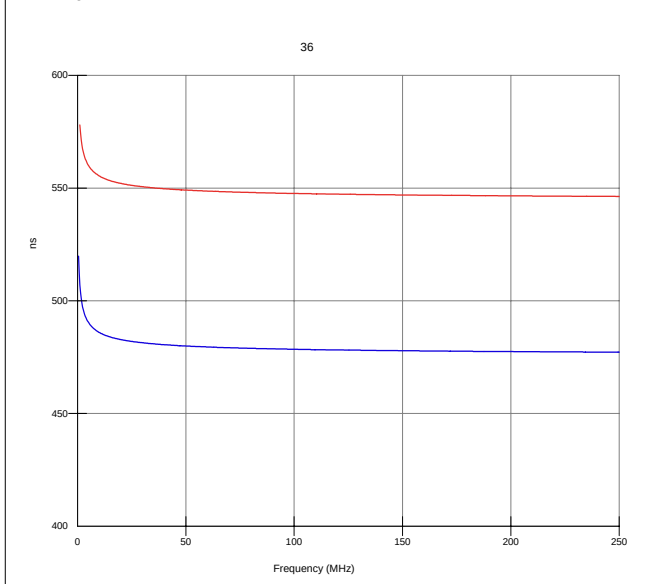
Limit Margin : 76.550 ns @ 236.589 MHz



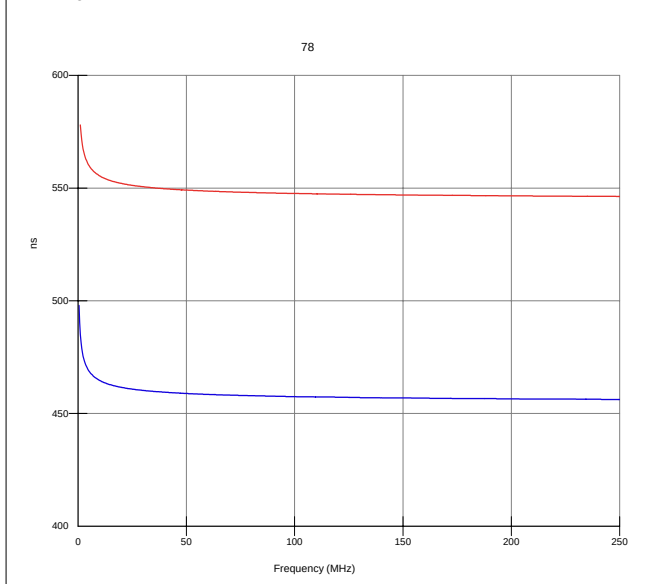
Limit Margin : 87.090 ns @ 244.074 MHz



Limit Margin : 69.050 ns @ 194.174 MHz



Limit Margin : 90.000 ns @ 222.555 MHz

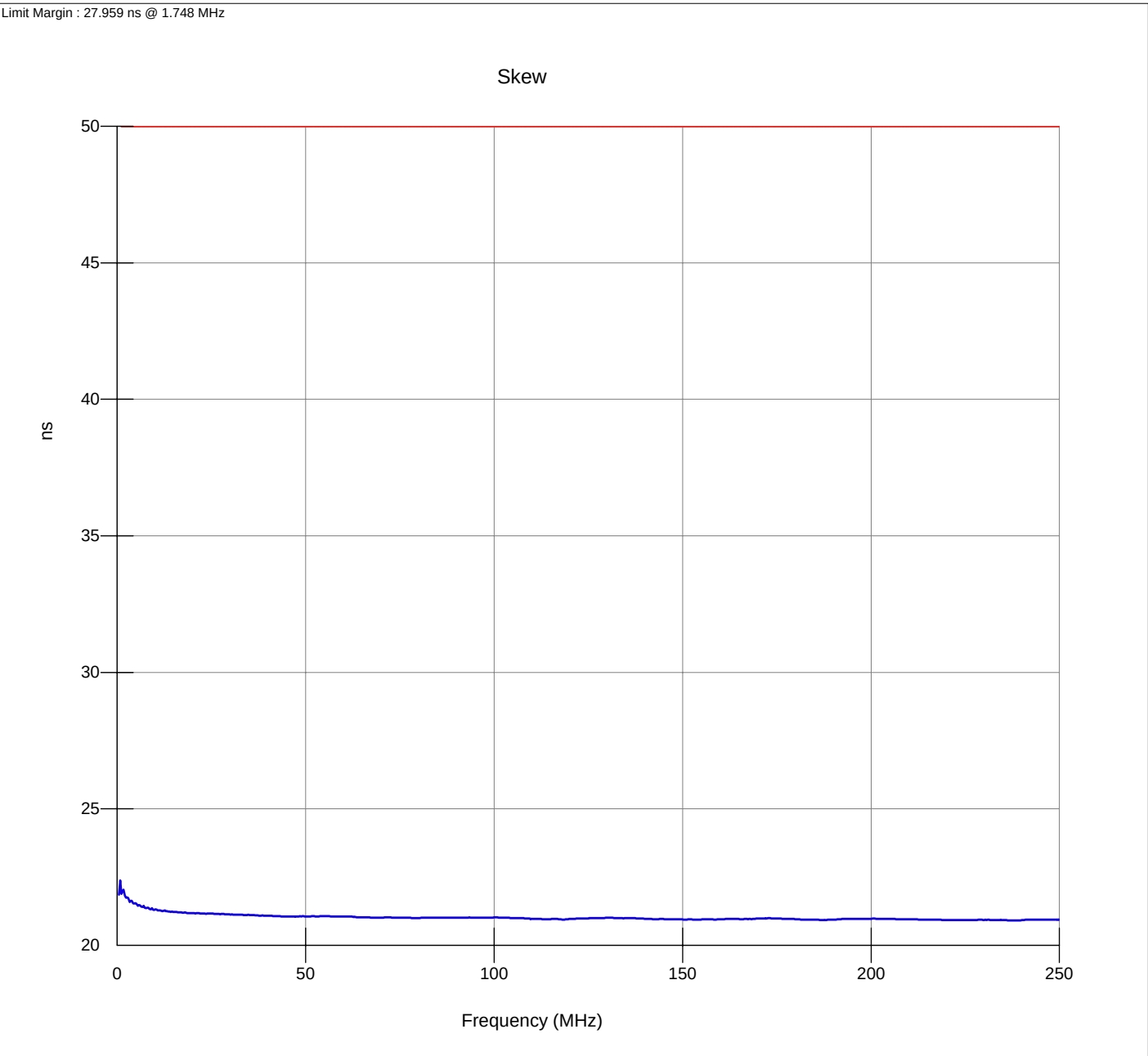




Propagation Delay Skew - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies

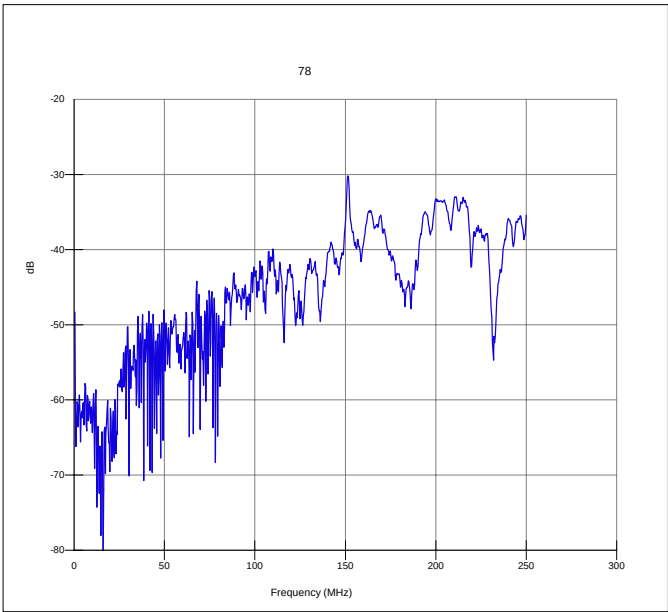
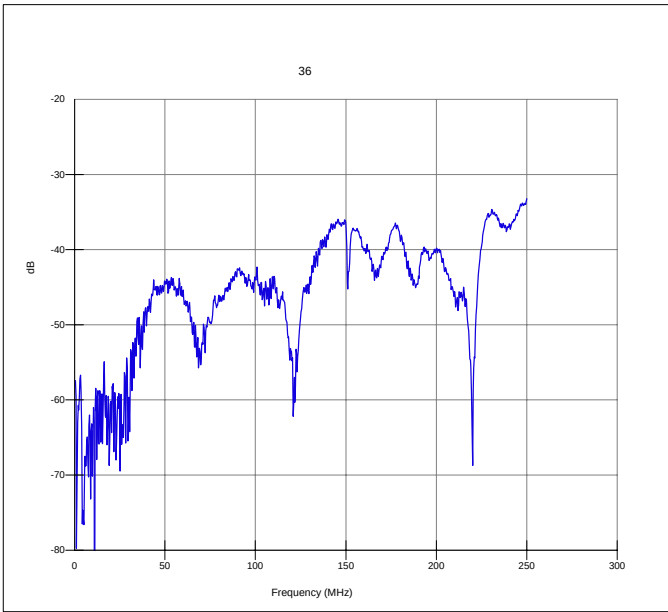
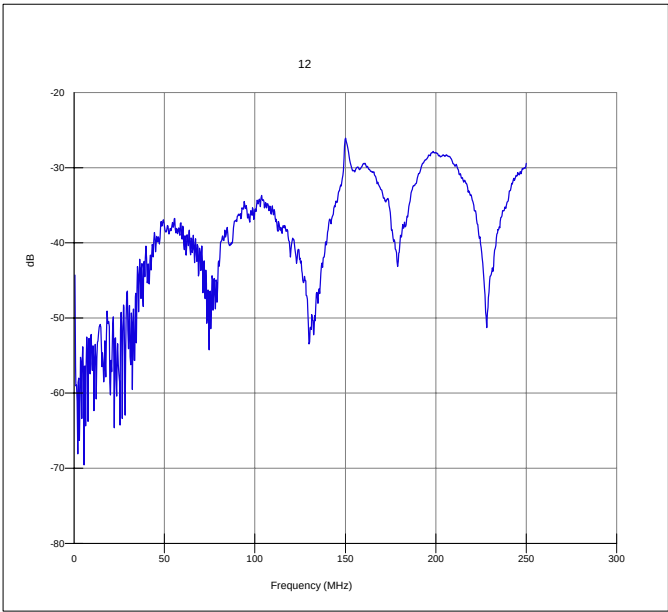
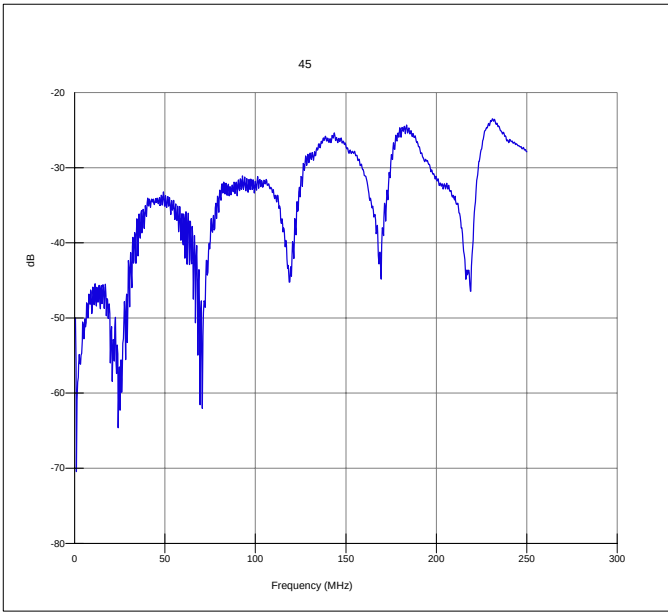
Limit Margin : 27.959 ns @ 1.748 MHz





TCL - Near End

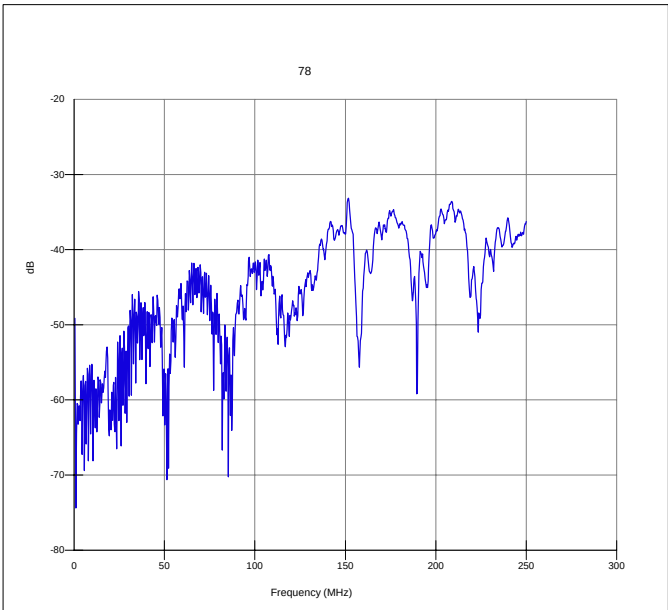
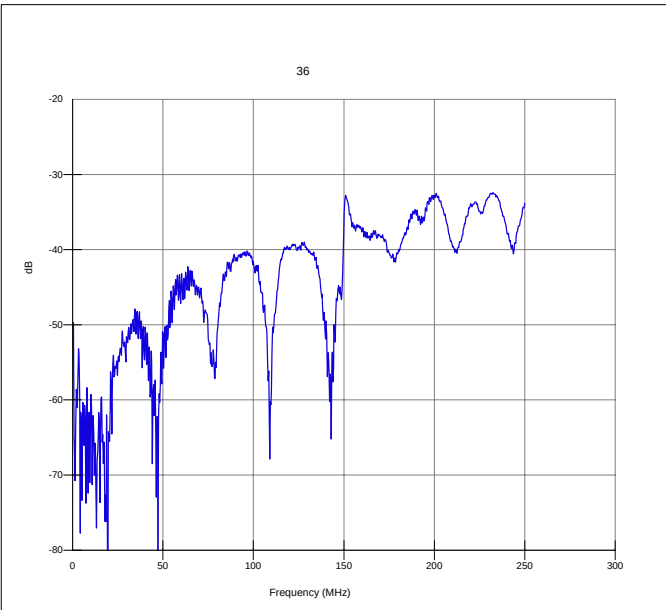
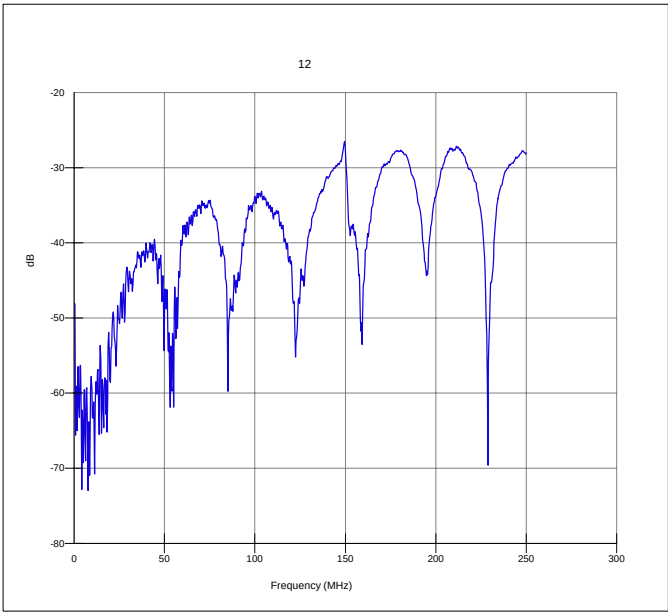
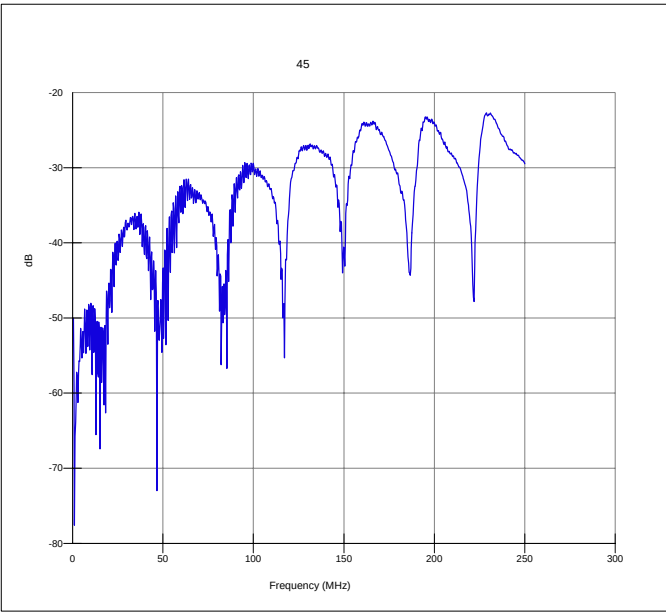
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





TCL - Far End

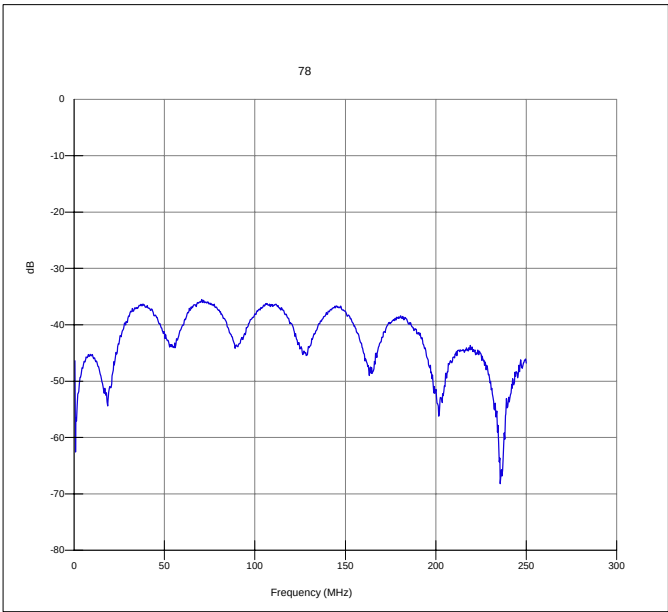
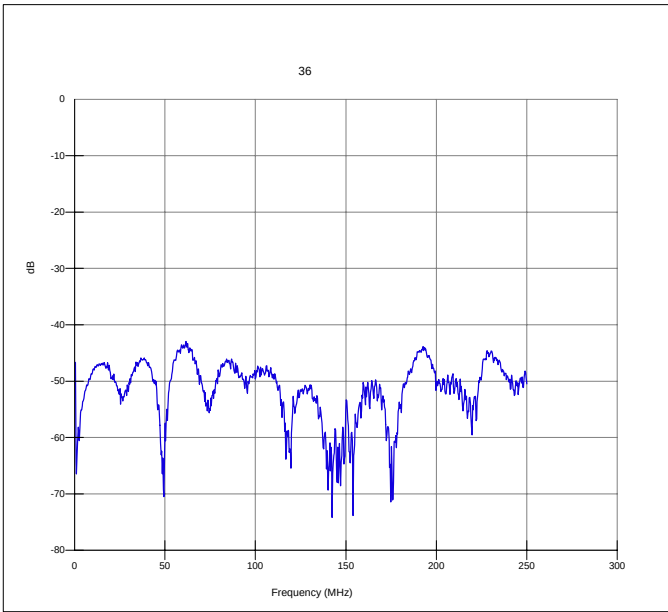
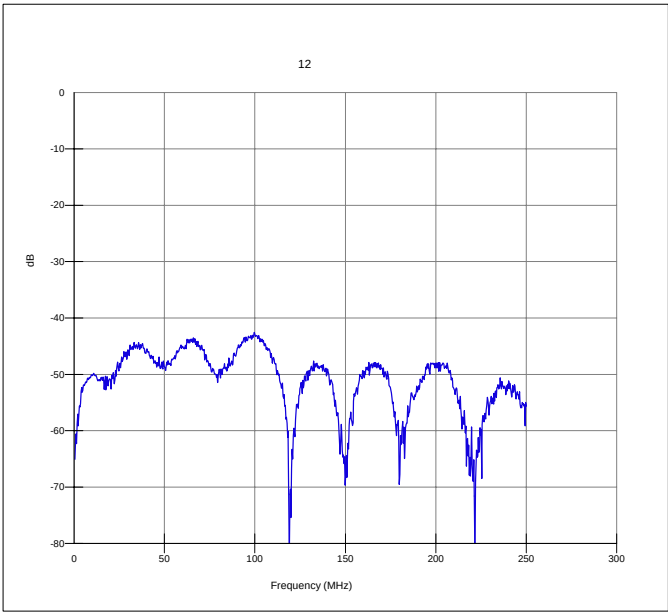
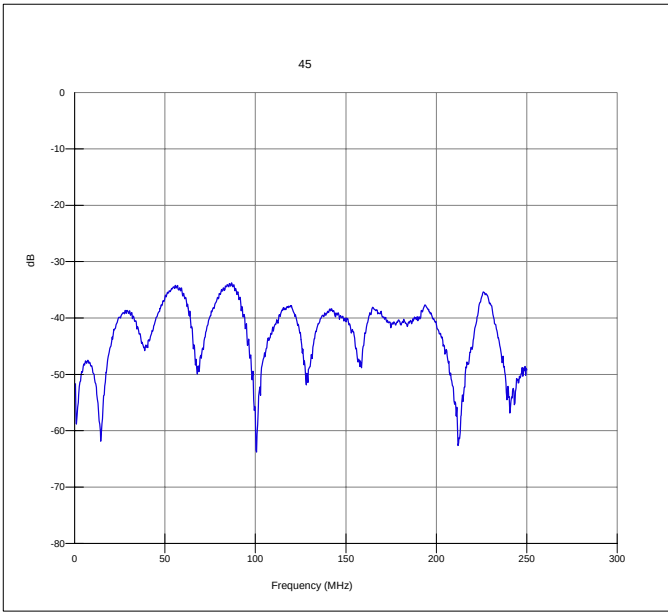
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





TCTL - Near End

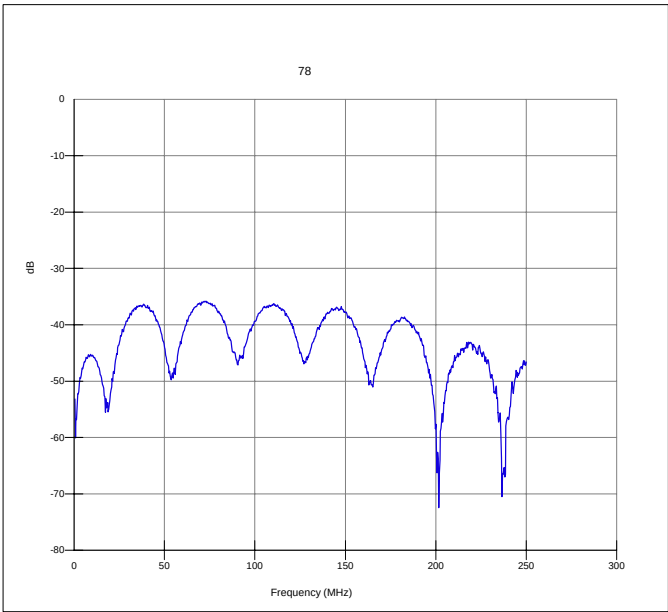
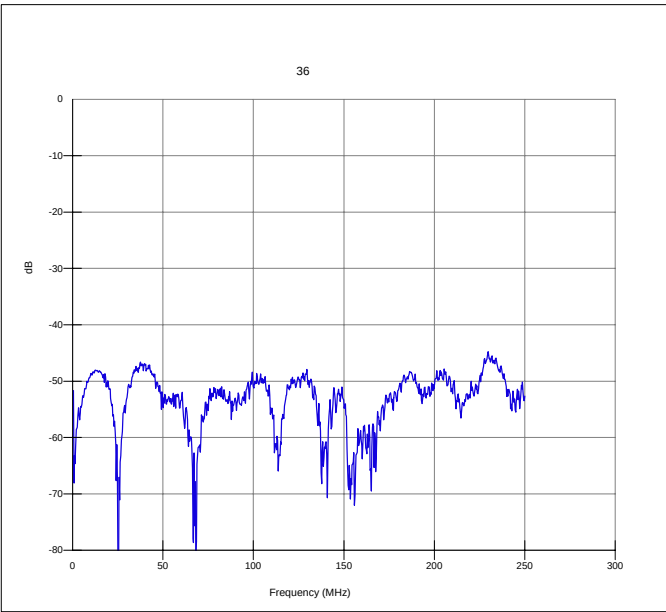
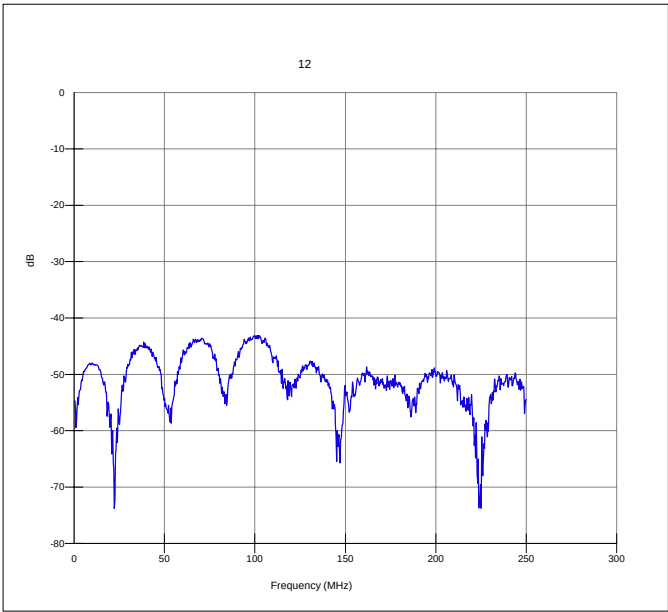
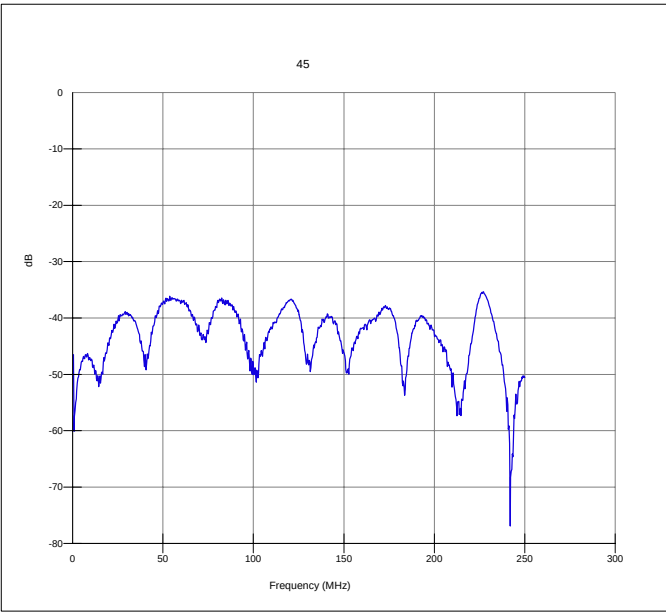
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





TCTL - Far End

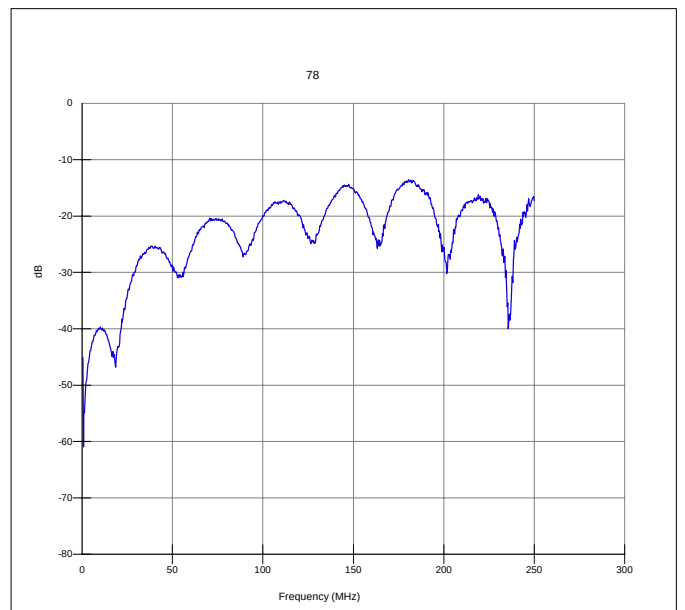
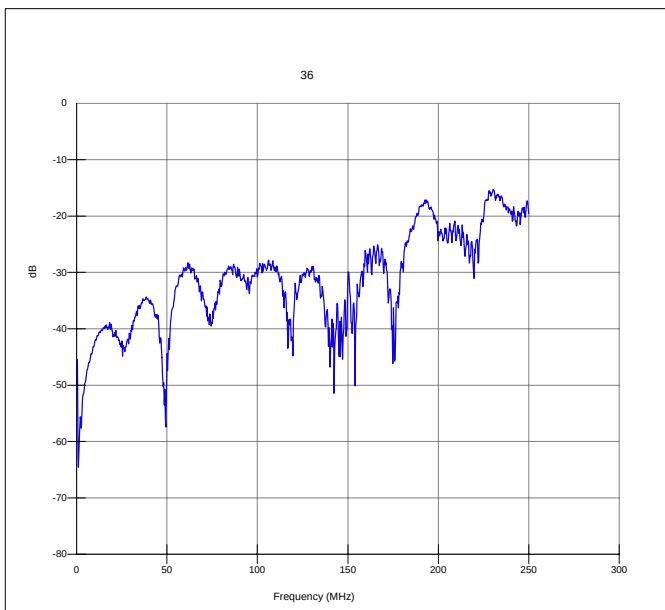
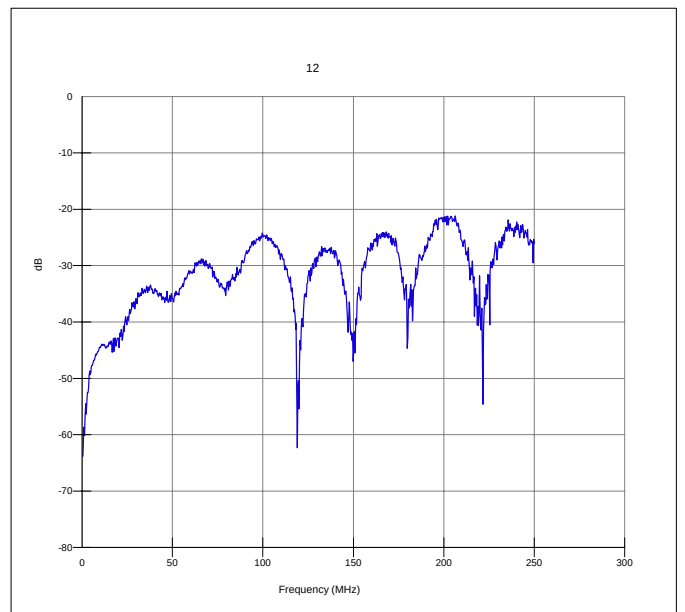
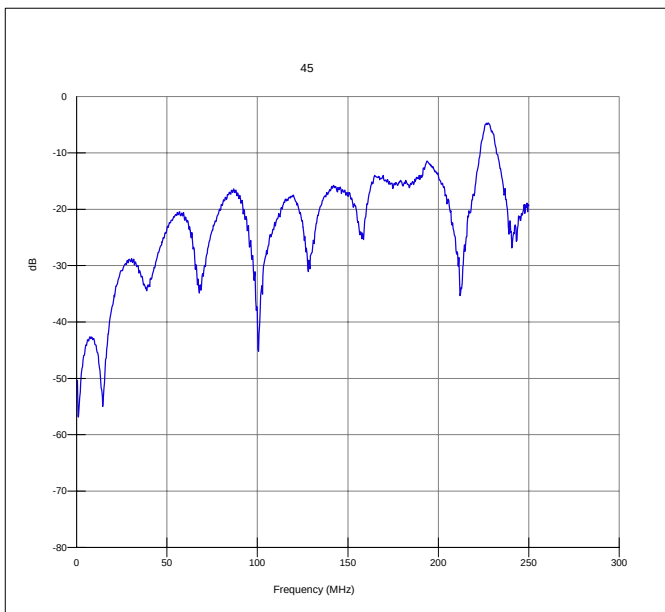
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ELTCTL - Near End

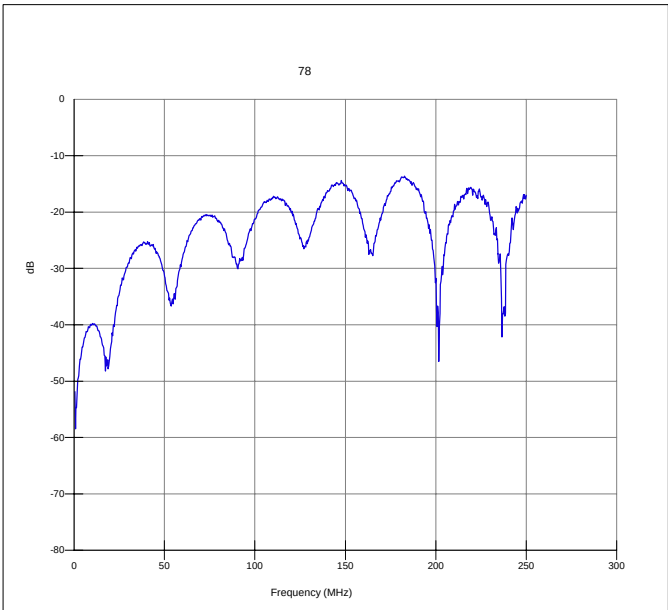
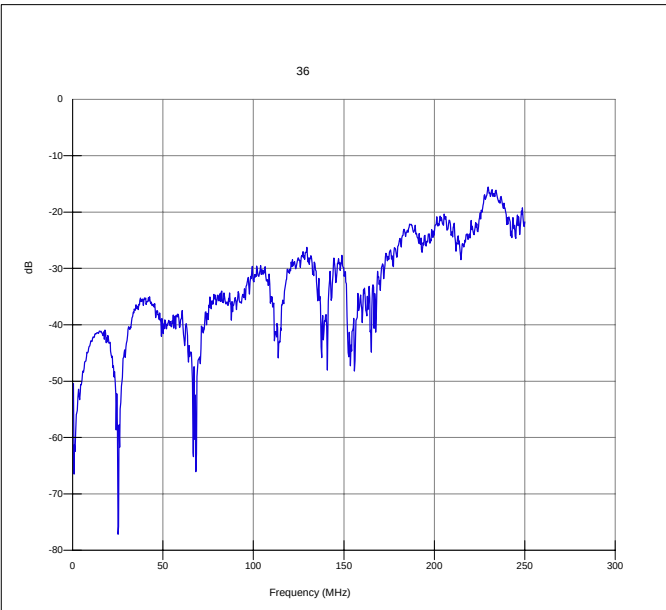
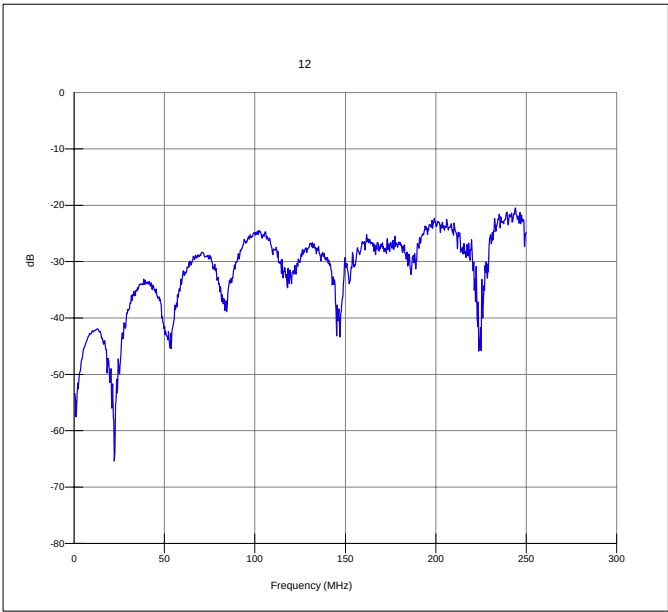
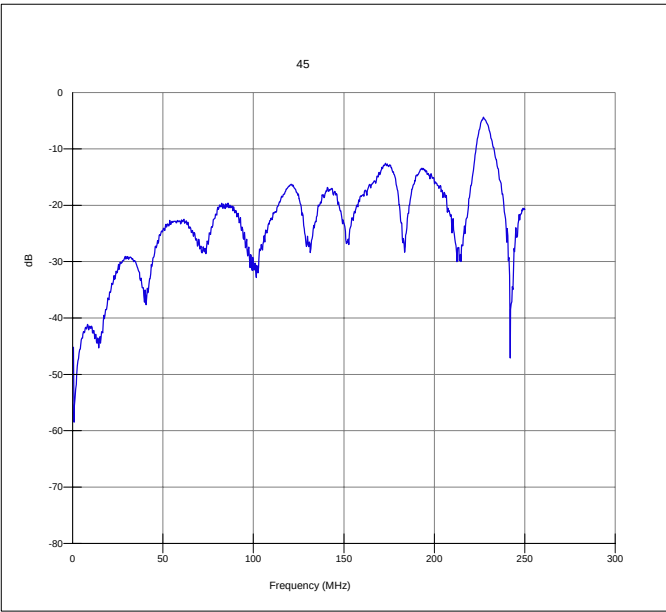
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





ELTCTL - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 12:49:04 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	B
Operator Name	John Cash	Test Status	Complies





Appendix C

Third sample test results

This appendix contains 39 pages.



Low Frequency Report

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

DC Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
7.5705	7.3213	7.6620	7.3034	
7.6688	7.2710	7.6790	7.3217	

Resistance Unbalanced (%)				
45	12	36	78	Limit (%)
0.65	0.34	0.11	0.13	3.00

Resistance Unbalanced Pair-Pair (%)						
45 - 12	45 - 36	45 - 78	12 - 36	12 - 78	36 - 78	Limit (%)
2.17	0.33	2.05	2.50	0.11	2.39	

DC Loop Resistance (Ohms)				
45	12	36	78	Limit (Ohms)
15.2370	14.5900	15.3400	14.6220	25.0000



Insertion Loss

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

Insertion Loss (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-2.16	-1.82	-1.80	-1.81	-1.79
4.	-4.02	-3.59	-3.57	-3.63	-3.52
8.	-5.66	-5.09	-5.05	-5.14	-4.98
10.	-6.34	-5.69	-5.66	-5.77	-5.58
16.	-8.05	-7.20	-7.15	-7.30	-7.04
20.	-9.03	-8.05	-7.99	-8.17	-7.89
25.	-10.14	-9.03	-8.96	-9.16	-8.84
31.25	-11.40	-10.13	-10.03	-10.30	-9.92
62.5	-16.48	-14.53	-14.31	-14.81	-14.11
100.	-21.31	-18.60	-18.38	-18.85	-18.21
155.	-27.26	-23.19	-22.97	-23.81	-22.82
200.	-31.57	-27.24	-26.65	-27.32	-26.07
250.	-35.98	-29.88	-29.77	-31.02	-29.60



NEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
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.	-65.00	-89.94	-74.54	-93.13	-85.42	-99.93	-87.55
4.	-63.04	-86.40	-67.32	-88.95	-78.70	-86.76	-77.54
8.	-58.16	-73.87	-72.29	-71.73	-70.96	-85.86	-71.37
10.	-56.58	-76.44	-68.56	-72.32	-67.25	-81.11	-72.31
16.	-53.23	-74.16	-64.37	-69.36	-67.38	-77.08	-68.10
20.	-51.63	-64.93	-69.61	-67.09	-63.51	-80.85	-68.14
25.	-50.03	-63.90	-63.34	-62.78	-63.60	-89.79	-68.79
31.25	-48.42	-62.86	-60.23	-63.40	-59.03	-83.01	-61.39
62.5	-43.38	-61.37	-62.48	-58.74	-54.46	-70.05	-56.31
100.	-39.93	-64.92	-50.59	-52.66	-48.24	-60.24	-47.02
155.	-36.68	-52.97	-49.97	-50.01	-42.72	-58.11	-43.16
200.	-34.78	-49.94	-51.11	-45.31	-42.72	-54.27	-37.24
250.	-33.11	-47.90	-40.74	-43.24	-41.04	-50.83	-35.54



NEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
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.	-65.00	-89.05	-74.18	-88.39	-85.46	-98.37	-90.53
4.	-63.04	-81.79	-66.61	-77.07	-75.74	-90.47	-80.47
8.	-58.16	-69.18	-71.49	-70.04	-70.14	-89.12	-75.87
10.	-56.58	-71.77	-70.19	-75.44	-65.78	-80.43	-67.80
16.	-53.23	-65.96	-80.28	-75.08	-65.79	-78.56	-64.18
20.	-51.63	-61.83	-62.73	-70.19	-62.89	-81.38	-61.37
25.	-50.03	-66.00	-55.38	-61.09	-62.00	-75.12	-64.71
31.25	-48.42	-60.53	-52.58	-59.18	-58.36	-72.52	-65.84
62.5	-43.38	-55.52	-45.58	-53.34	-53.37	-71.00	-72.28
100.	-39.93	-55.26	-46.14	-47.18	-49.82	-66.60	-53.00
155.	-36.68	-47.31	-44.01	-41.25	-53.52	-61.42	-46.35
200.	-34.78	-45.36	-37.39	-40.44	-39.17	-58.48	-43.81
250.	-33.11	-44.12	-37.69	-45.44	-40.27	-56.94	-38.08



PSNEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

PSNEXT - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-74.30	-83.82	-73.95	-85.68
4.	-60.55	-67.17	-77.47	-66.58	-76.47
8.	-55.60	-67.31	-69.04	-66.53	-68.28
10.	-53.99	-66.53	-66.57	-64.08	-68.78
16.	-50.59	-62.76	-65.88	-61.29	-65.00
20.	-48.97	-61.88	-61.06	-61.10	-64.23
25.	-47.34	-58.53	-60.73	-59.85	-61.77
31.25	-45.71	-57.14	-57.46	-55.31	-59.24
62.5	-40.59	-55.61	-53.52	-51.83	-54.23
100.	-37.08	-48.39	-47.89	-43.61	-45.81
155.	-33.78	-46.00	-42.22	-39.52	-42.23
200.	-31.85	-43.25	-41.72	-36.02	-36.54
250.	-30.15	-38.30	-39.87	-33.54	-34.75



PSNEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

PSNEXT - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-62.00	-73.83	-83.54	-73.71	-85.68
4.	-60.55	-66.11	-74.64	-65.95	-75.19
8.	-55.60	-65.23	-66.59	-67.00	-68.97
10.	-53.99	-67.12	-64.67	-62.78	-66.86
16.	-50.59	-65.05	-62.66	-61.62	-63.69
20.	-48.97	-58.79	-59.28	-57.47	-60.76
25.	-47.34	-53.97	-60.28	-54.11	-59.40
31.25	-45.71	-51.18	-56.18	-51.38	-58.14
62.5	-40.59	-44.54	-51.26	-44.90	-53.21
100.	-37.08	-43.33	-48.66	-44.01	-46.13
155.	-33.78	-38.75	-46.24	-41.71	-40.05
200.	-31.85	-35.20	-38.19	-34.62	-38.75
250.	-30.15	-36.25	-38.71	-33.77	-37.30



ACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
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.	62.84	88.14	72.73	91.34	83.61	98.14	85.76
4.	59.02	82.83	63.70	85.43	75.07	83.24	74.02
8.	52.49	68.82	67.15	66.75	65.81	80.88	66.39
10.	50.24	70.78	62.79	66.74	61.48	75.53	66.74
16.	45.18	67.02	57.07	62.32	60.08	70.04	61.05
20.	42.60	56.94	61.44	59.21	55.34	72.96	60.25
25.	39.89	54.94	54.18	53.95	54.44	80.96	59.95
31.25	37.02	52.83	49.93	53.48	48.73	73.09	51.48
62.5	26.89	47.06	47.68	44.63	39.65	55.95	42.20
100.	18.61	46.54	31.74	34.44	29.39	42.03	28.81
155.	9.42	30.00	26.16	27.19	18.91	35.29	20.34
200.	3.22	23.29	23.79	19.24	15.40	28.20	11.17
250.	-2.87	18.13	9.72	13.64	10.02	21.23	5.94



ACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
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.	62.84	87.25	72.35	86.59	83.63	96.58	88.73
4.	59.02	78.22	62.97	73.54	72.10	86.94	76.94
8.	52.49	64.12	66.34	65.06	64.98	84.14	70.89
10.	50.24	66.11	64.41	69.86	60.00	74.85	62.22
16.	45.18	58.82	72.96	68.04	58.47	71.52	57.13
20.	42.60	53.84	54.53	62.30	54.68	73.48	53.47
25.	39.89	57.03	46.19	52.23	52.81	66.27	55.86
31.25	37.02	50.50	42.27	49.25	48.05	62.60	55.92
62.5	26.89	41.17	30.83	39.18	38.62	56.84	58.12
100.	18.61	36.94	27.24	28.99	30.92	48.42	34.81
155.	9.42	24.23	20.26	18.48	29.77	38.64	23.57
200.	3.22	18.83	10.00	14.46	11.78	32.51	17.84
250.	-2.87	14.47	6.67	15.83	9.25	27.32	8.47



PSACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

PSACR - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.84	72.48	82.03	72.15	83.89
4.	56.52	63.58	73.90	62.95	72.95
8.	49.93	62.22	63.99	61.39	63.30
10.	47.66	60.84	60.91	58.31	63.20
16.	42.54	55.56	58.73	53.99	57.96
20.	39.94	53.82	53.07	52.93	56.34
25.	37.20	49.50	51.77	50.69	52.93
31.25	34.31	47.02	47.44	45.01	49.32
62.5	24.10	41.08	39.22	37.02	40.12
100.	15.77	29.79	29.51	24.75	27.60
155.	6.52	22.81	19.24	15.71	19.41
200.	0.29	16.01	15.07	8.70	10.47
250.	-5.83	8.42	10.10	2.52	5.15



PSACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

PSACR - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	59.84	72.00	81.74	71.88	83.89
4.	56.52	62.52	71.07	62.31	71.66
8.	49.93	60.14	61.54	61.84	63.99
10.	47.66	61.43	59.01	57.00	61.28
16.	42.54	57.85	55.52	54.30	56.65
20.	39.94	50.73	51.29	49.27	52.86
25.	37.20	44.93	51.31	44.92	50.54
31.25	34.31	41.04	46.14	41.07	48.21
62.5	24.10	30.01	36.91	30.15	39.05
100.	15.77	24.75	30.33	25.10	27.94
155.	6.52	15.40	23.16	17.95	17.27
200.	0.29	7.95	11.66	7.23	12.77
250.	-5.83	6.31	9.06	2.75	7.69



FEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
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.	-86.31	-66.46	-75.84	-83.99	-83.43	-92.56	-66.42	-85.77	-92.20	-76.13	-95.23	-92.44
4.	-74.13	-57.05	-65.39	-74.46	-72.78	-83.47	-56.98	-73.34	-81.85	-65.58	-83.47	-81.88
8.	-69.12	-53.08	-61.24	-69.18	-67.98	-79.04	-52.97	-68.13	-76.10	-61.28	-79.69	-77.11
10.	-67.87	-51.98	-60.30	-67.57	-66.61	-77.38	-51.87	-66.89	-74.52	-60.24	-77.60	-76.41
16.	-65.92	-49.88	-59.06	-65.93	-66.25	-74.49	-49.87	-67.78	-73.50	-58.98	-75.63	-76.85
20.	-64.82	-49.14	-59.50	-64.90	-66.31	-74.08	-49.31	-69.30	-73.80	-59.23	-74.96	-82.68
25.	-63.61	-48.75	-60.57	-64.12	-68.37	-74.14	-49.06	-71.54	-77.56	-60.53	-73.63	-78.88
31.25	-62.29	-48.99	-62.99	-62.55	-65.24	-72.12	-49.11	-65.56	-68.93	-64.39	-71.87	-67.01
62.5	-59.08	-62.05	-56.50	-58.19	-55.58	-72.70	-55.79	-56.33	-61.10	-56.52	-68.07	-61.58
100.	-62.10	-47.95	-60.08	-55.27	-60.86	-70.62	-47.58	-61.15	-58.37	-62.37	-62.35	-56.34
155.	-65.77	-45.60	-53.29	-61.42	-65.31	-63.08	-46.07	-67.94	-65.22	-55.82	-65.02	-62.67
200.	-76.27	-60.28	-61.97	-61.73	-61.86	-63.71	-58.68	-59.66	-71.80	-65.65	-57.86	-66.95
250.	-62.79	-49.71	-58.26	-66.07	-60.39	-62.35	-50.35	-57.48	-65.14	-58.44	-65.22	-68.79



ACRF (ELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
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.	-63.09	-84.51	-64.66	-74.05	-82.18	-81.63	-90.77	-64.61	-83.97	-90.41	-74.31	-93.44	-90.64
4.	-51.22	-70.56	-53.43	-61.87	-70.87	-69.15	-79.95	-53.39	-69.77	-78.33	-61.99	-79.90	-78.25
8.	-45.20	-64.07	-47.94	-56.26	-64.09	-62.84	-74.07	-47.88	-63.08	-71.12	-56.19	-74.64	-71.97
10.	-43.26	-62.21	-46.20	-54.73	-61.87	-60.84	-71.80	-46.18	-61.23	-68.94	-54.55	-71.93	-70.64
16.	-39.18	-58.78	-42.58	-52.02	-58.73	-58.95	-67.45	-42.67	-60.63	-66.46	-51.79	-68.49	-69.55
20.	-37.24	-56.83	-40.97	-51.61	-56.84	-58.15	-66.19	-41.25	-61.31	-65.91	-51.18	-66.97	-74.52
25.	-35.30	-54.65	-39.59	-51.73	-55.09	-59.22	-65.30	-40.03	-62.58	-68.72	-51.51	-64.67	-69.72
31.25	-33.36	-52.26	-38.69	-53.07	-52.42	-54.94	-62.20	-38.99	-55.53	-59.02	-54.27	-61.84	-56.72
62.5	-27.34	-44.78	-47.25	-42.39	-43.66	-40.77	-58.60	-41.26	-42.02	-47.00	-41.99	-53.77	-46.78
100.	-23.26	-43.72	-29.10	-41.87	-36.67	-42.01	-52.41	-28.98	-42.78	-40.16	-43.77	-43.97	-37.49
155.	-19.45	-42.80	-21.80	-30.47	-38.23	-41.50	-40.25	-22.88	-44.96	-42.40	-32.63	-42.05	-38.87
200.	-17.24	-49.62	-32.96	-35.90	-34.49	-34.54	-37.64	-31.44	-33.01	-45.73	-38.42	-31.21	-39.62
250.	-15.30	-33.03	-18.70	-28.65	-36.19	-29.38	-32.75	-20.47	-27.71	-35.54	-28.57	-35.45	-37.77



PSFEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

PSFEXT - Near End (dB)				
Freq (MHz)	45	12	36	78
1.	-65.95	-80.40	-66.36	-75.97
4.	-56.39	-70.31	-56.87	-65.41
8.	-52.37	-65.34	-52.82	-61.11
10.	-51.28	-63.85	-51.72	-60.06
16.	-49.29	-62.77	-49.78	-58.82
20.	-48.65	-62.24	-49.25	-59.10
25.	-48.34	-62.43	-49.02	-60.26
31.25	-48.63	-60.38	-48.97	-62.02
62.5	-53.87	-53.63	-52.41	-55.12
100.	-47.54	-54.12	-47.06	-54.58
155.	-44.89	-58.21	-45.99	-54.59
200.	-57.97	-57.57	-56.01	-56.75
250.	-48.96	-57.59	-49.46	-57.30



PSACRF (PSELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

PSACRF (PSELFEXT) - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-60.09	-64.13	-78.61	-64.55	-74.18
4.	-48.22	-52.80	-66.74	-53.24	-61.89
8.	-42.20	-47.29	-60.29	-47.68	-56.13
10.	-40.26	-45.59	-58.19	-45.94	-54.48
16.	-36.18	-42.09	-55.63	-42.48	-51.78
20.	-34.24	-40.60	-54.25	-41.08	-51.21
25.	-32.30	-39.31	-53.47	-39.87	-51.42
31.25	-30.36	-38.50	-50.35	-38.67	-52.11
62.5	-24.34	-39.34	-39.32	-37.60	-41.01
100.	-20.26	-28.94	-35.74	-28.21	-36.37
155.	-16.45	-21.70	-35.24	-22.18	-31.77
200.	-14.24	-30.73	-30.92	-28.69	-30.68
250.	-12.30	-19.09	-27.82	-18.44	-27.70



Return Loss - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

Return Loss - Near End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-43.71	-39.24	-33.77	-42.20
4.	-19.00	-49.12	-51.20	-40.12	-44.07
8.	-19.00	-47.09	-37.38	-38.27	-34.06
10.	-18.98	-38.07	-33.32	-29.80	-34.66
16.	-17.98	-50.49	-43.59	-27.65	-44.95
20.	-17.50	-37.08	-41.85	-30.35	-29.94
25.	-17.01	-38.81	-31.10	-48.28	-59.57
31.25	-16.53	-45.53	-32.52	-47.42	-38.40
62.5	-14.04	-37.75	-26.01	-33.24	-46.68
100.	-12.00	-29.80	-29.32	-47.98	-26.23
155.	-10.10	-36.25	-29.65	-28.00	-22.69
200.	-8.99	-22.60	-18.46	-41.88	-62.90
250.	-8.02	-23.01	-23.75	-37.59	-27.51



Return Loss - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

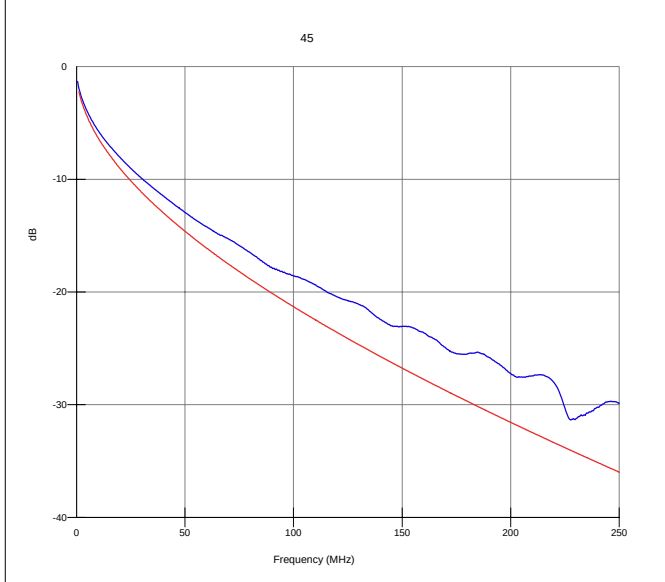
Return Loss - Far End (dB)					
Freq (MHz)	Limit	45	12	36	78
1.	-19.00	-38.34	-41.15	-35.39	-39.92
4.	-19.00	-37.75	-33.77	-41.93	-36.30
8.	-19.00	-33.80	-28.39	-30.11	-30.76
10.	-18.98	-32.90	-27.25	-26.94	-28.70
16.	-17.98	-39.25	-32.76	-30.05	-39.13
20.	-17.50	-49.04	-50.80	-37.91	-33.17
25.	-17.01	-40.54	-33.93	-59.12	-33.50
31.25	-16.53	-50.54	-29.72	-28.64	-53.88
62.5	-14.04	-35.27	-52.52	-28.77	-28.34
100.	-12.00	-24.57	-21.43	-32.23	-22.68
155.	-10.10	-23.58	-64.83	-29.55	-32.14
200.	-8.99	-16.74	-32.27	-30.91	-25.18
250.	-8.02	-36.65	-20.02	-28.91	-23.37



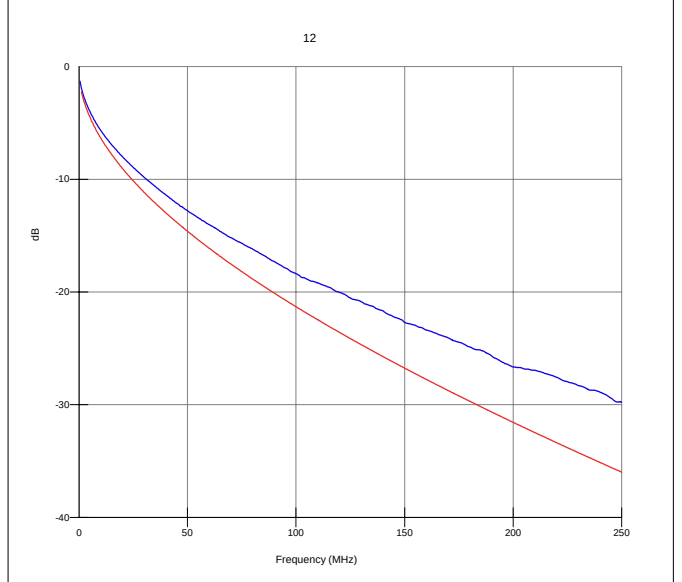
Insertion Loss

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

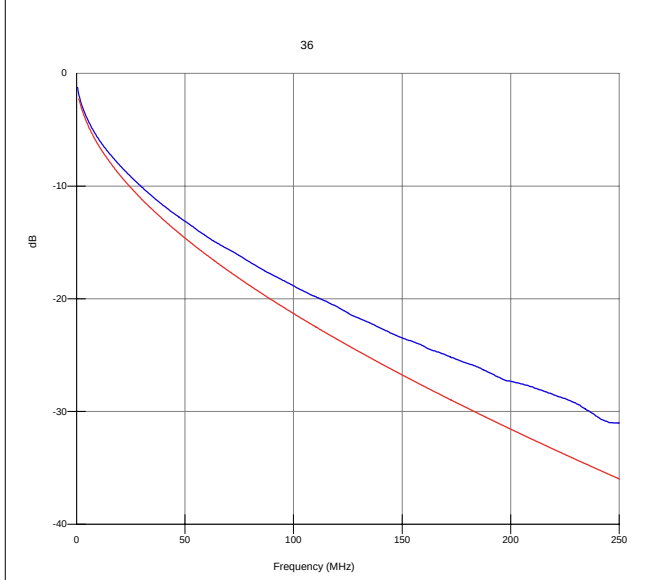
Limit Margin : 0.325 dB @ 1.124 MHz



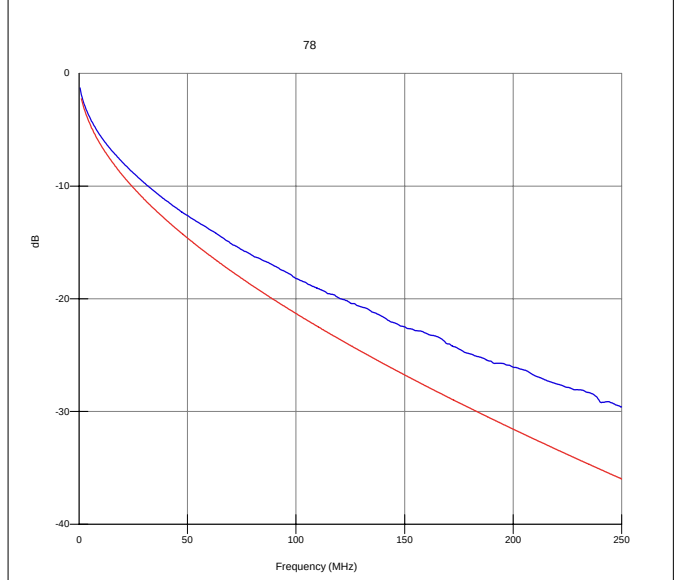
Limit Margin : 0.339 dB @ 1.124 MHz



Limit Margin : 0.325 dB @ 1.124 MHz



Limit Margin : 0.349 dB @ 1.124 MHz

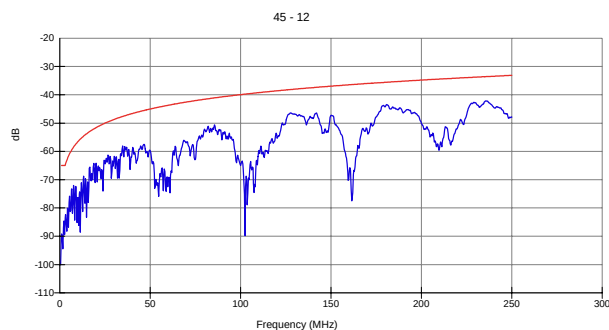




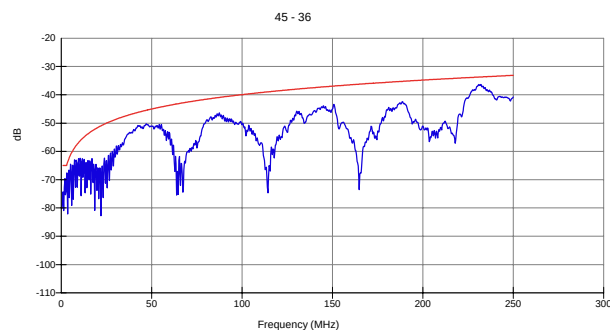
NEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

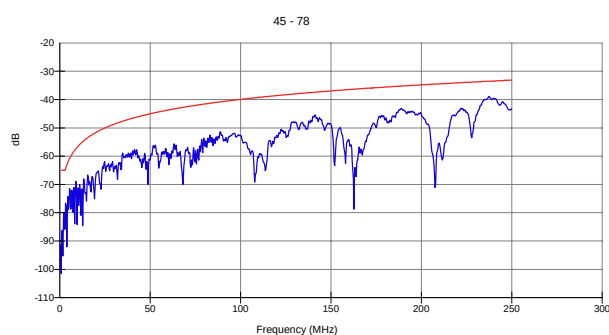
Limit Margin : 7.907 dB @ 180.764 MHz



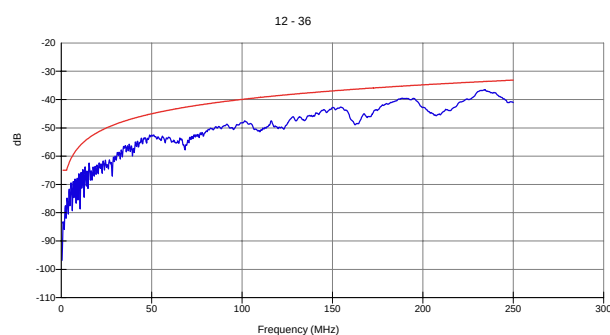
Limit Margin : 2.613 dB @ 2.995 MHz



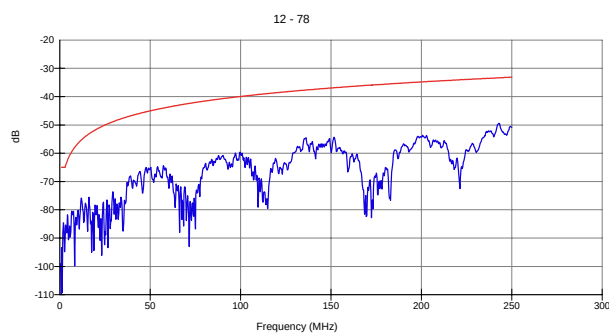
Limit Margin : 5.352 dB @ 237.525 MHz



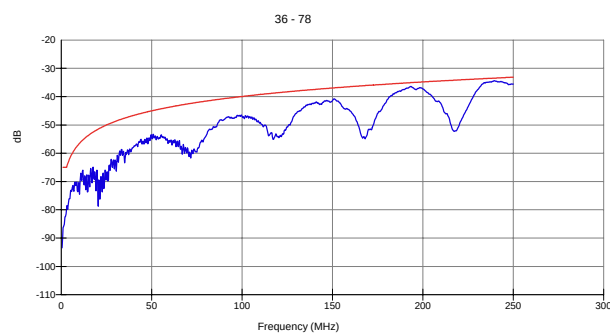
Limit Margin : 2.947 dB @ 233.783 MHz



Limit Margin : 16.114 dB @ 242.827 MHz



Limit Margin : 0.911 dB @ 239.396 MHz

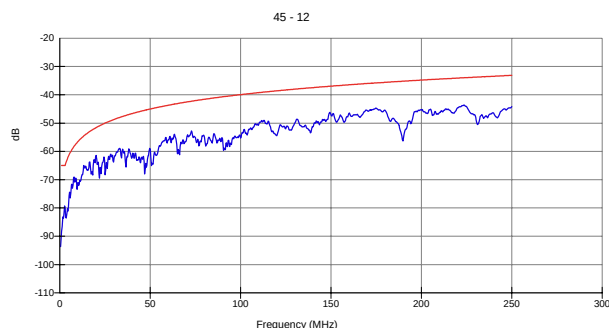




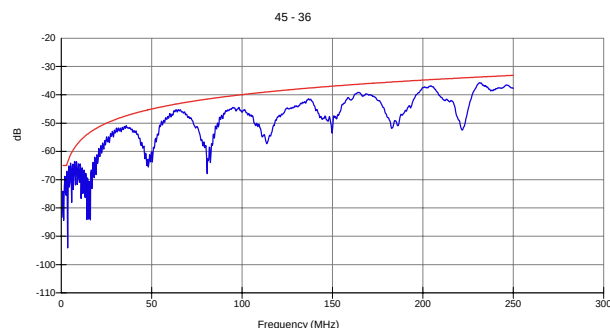
NEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

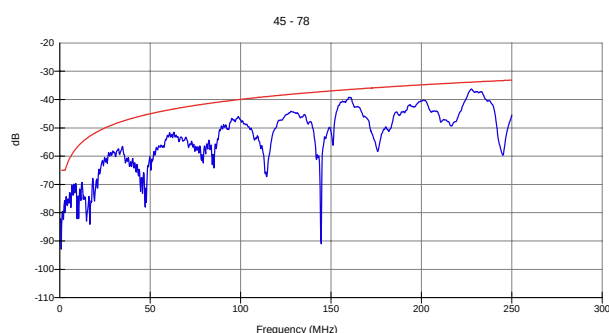
Limit Margin : 8.877 dB @ 174.838 MHz



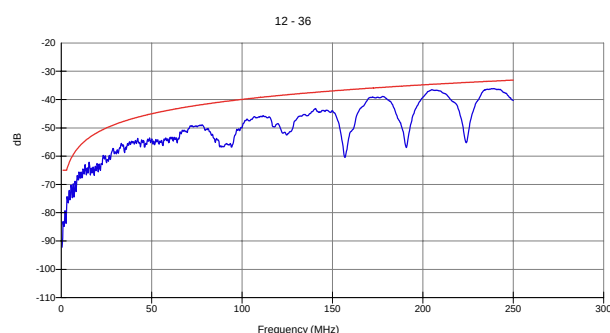
Limit Margin : 1.932 dB @ 63.499 MHz



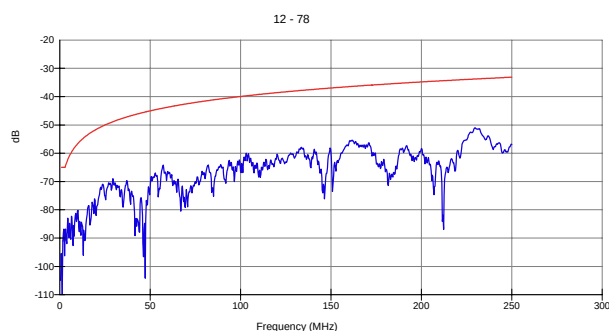
Limit Margin : 2.419 dB @ 227.545 MHz



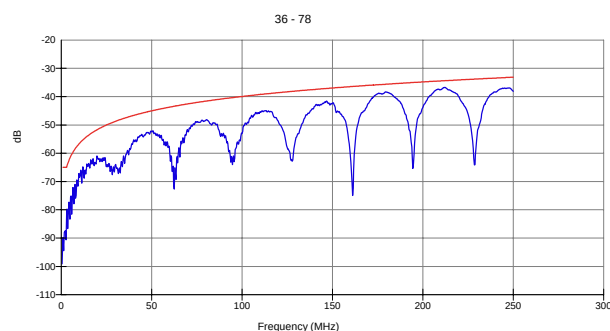
Limit Margin : 1.901 dB @ 205.090 MHz



Limit Margin : 17.226 dB @ 229.728 MHz



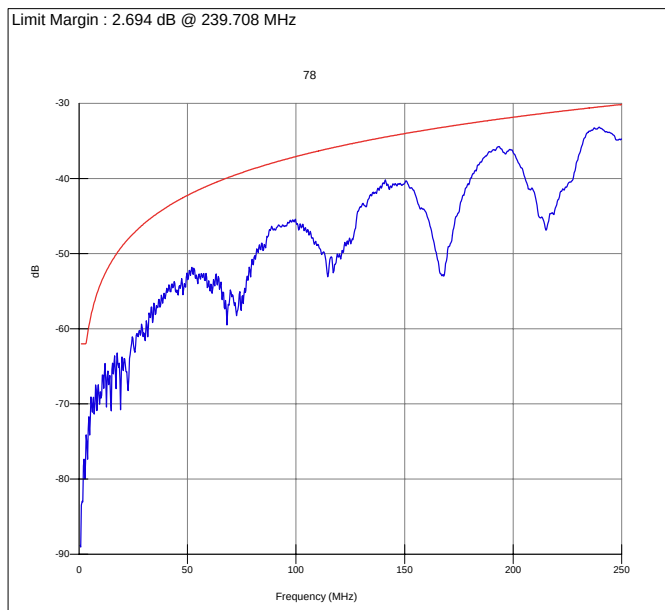
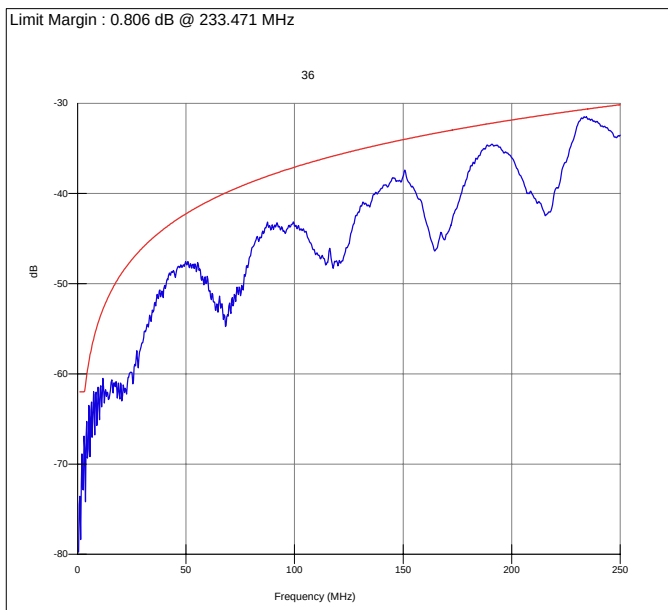
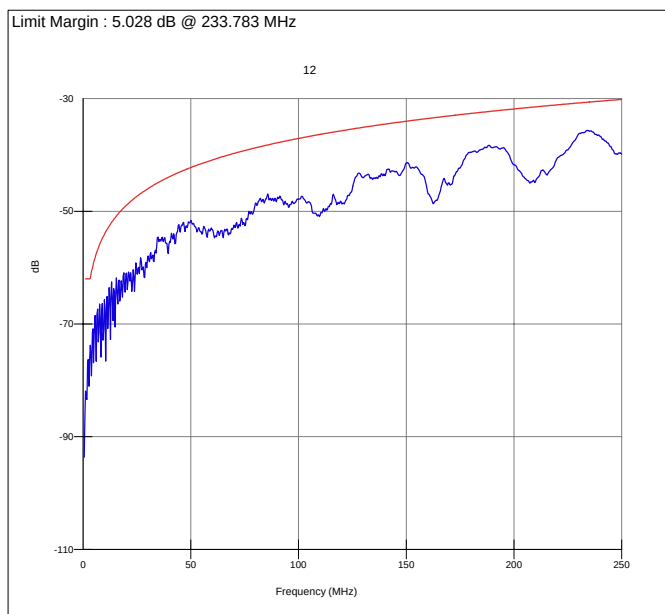
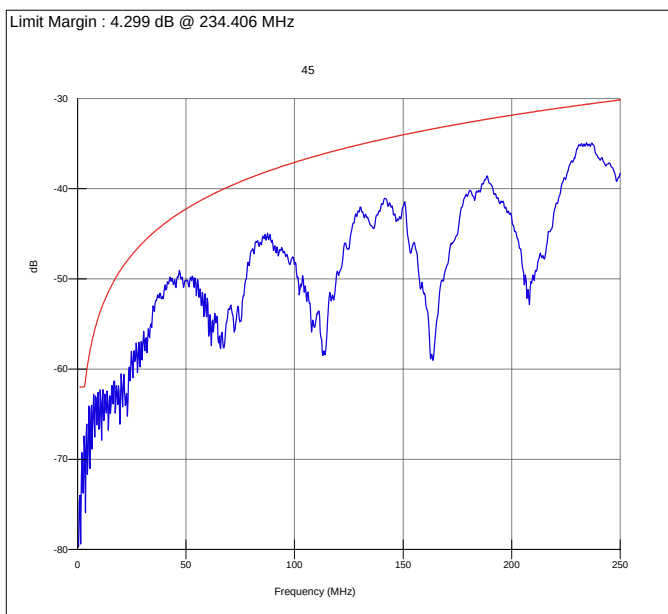
Limit Margin : 2.393 dB @ 212.263 MHz





PSNEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

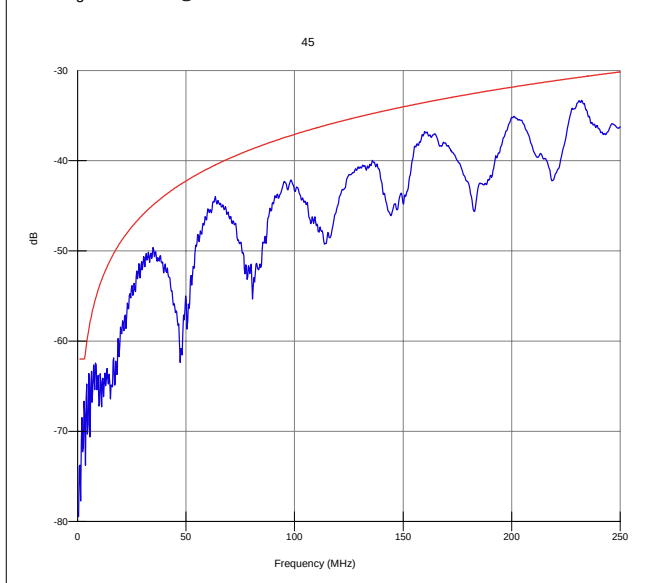




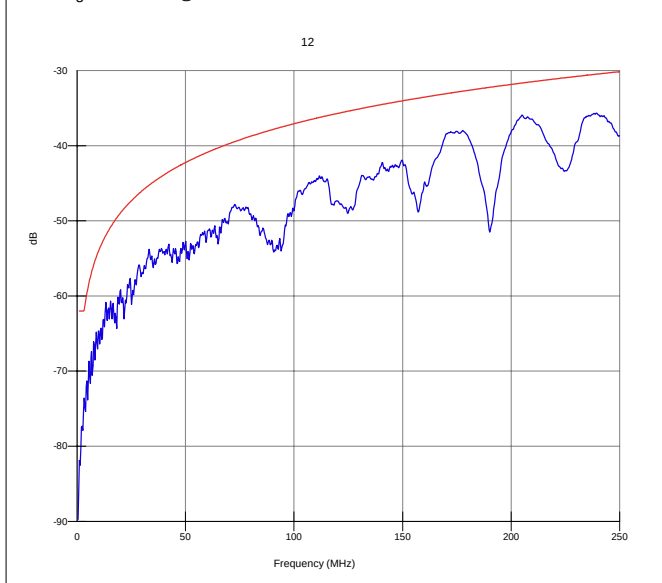
PSNEXT - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

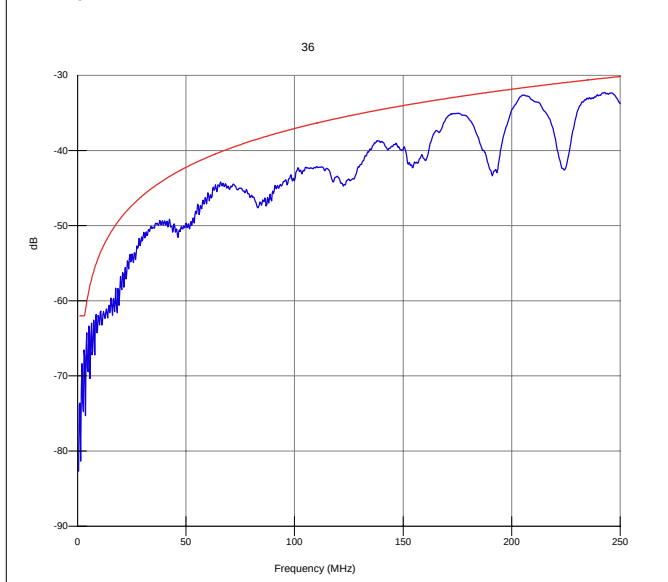
Limit Margin : 2.601 dB @ 230.976 MHz



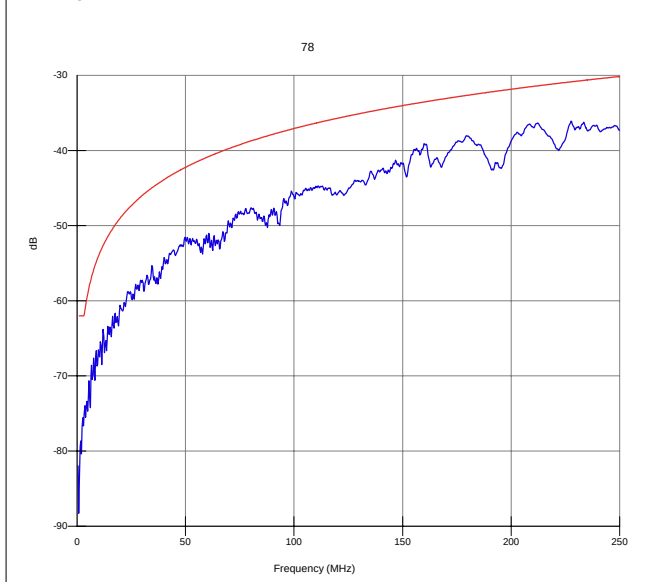
Limit Margin : 4.264 dB @ 205.090 MHz



Limit Margin : 0.981 dB @ 205.090 MHz



Limit Margin : 4.946 dB @ 212.263 MHz

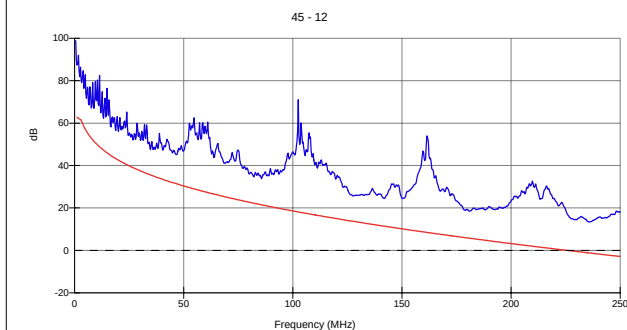




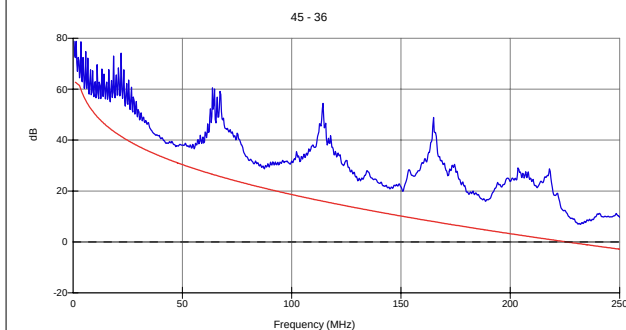
ACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

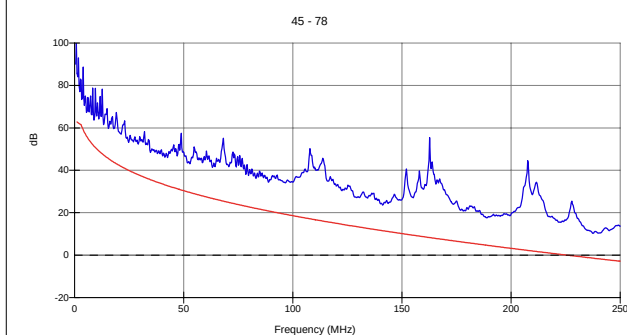
Limit Margin : 11.894 dB @ 34.806 MHz



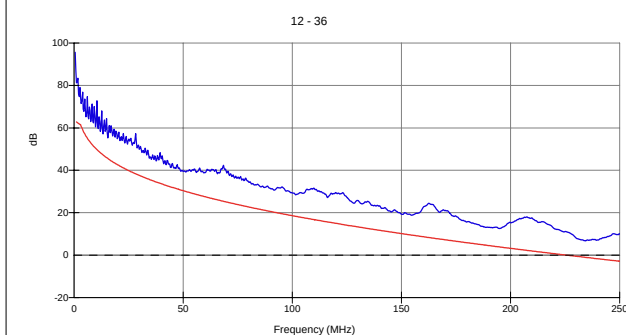
Limit Margin : 2.987 dB @ 2.995 MHz



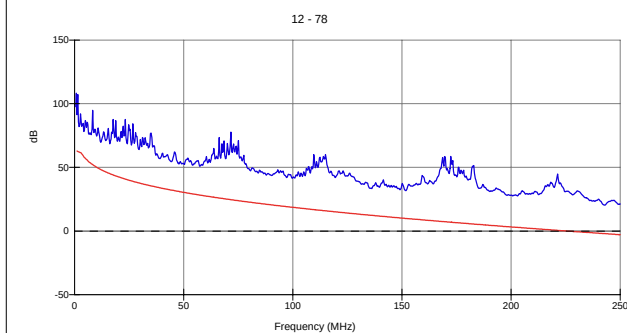
Limit Margin : 11.225 dB @ 5.490 MHz



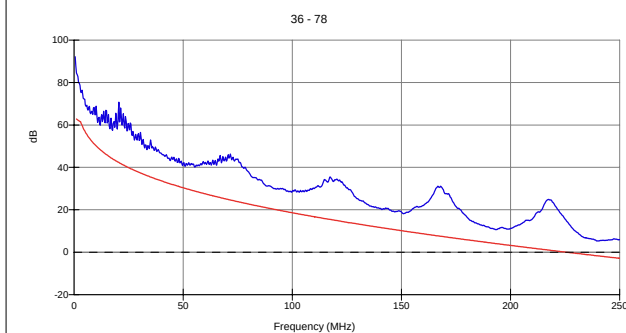
Limit Margin : 7.823 dB @ 233.783 MHz



Limit Margin : 19.668 dB @ 4.243 MHz



Limit Margin : 6.586 dB @ 193.239 MHz

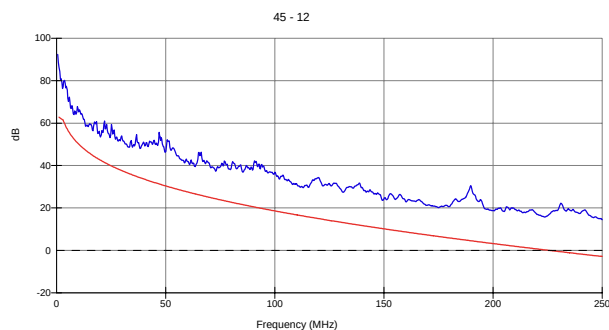




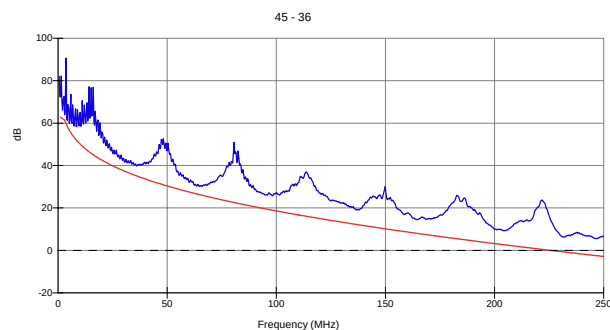
ACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

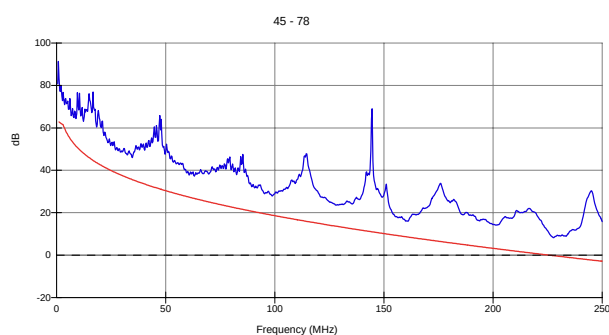
Limit Margin : 10.925 dB @ 20.148 MHz



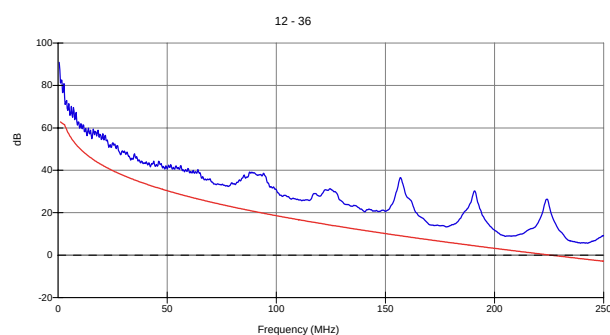
Limit Margin : 2.466 dB @ 2.995 MHz



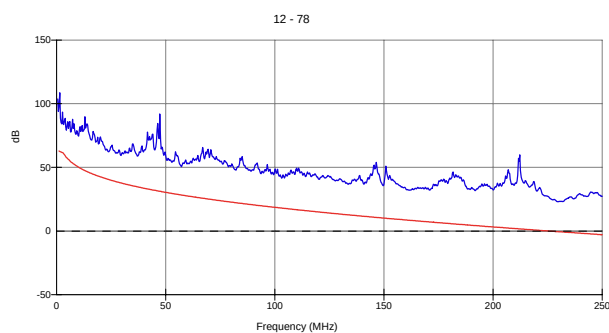
Limit Margin : 7.368 dB @ 159.868 MHz



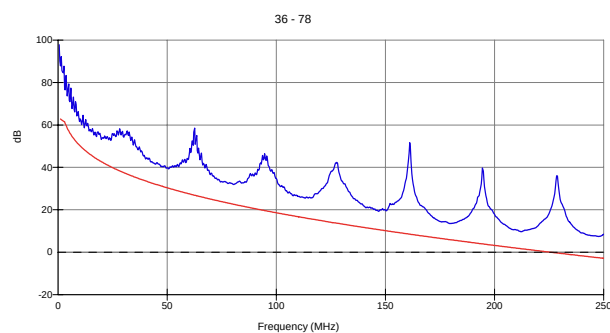
Limit Margin : 6.318 dB @ 205.090 MHz



Limit Margin : 21.344 dB @ 4.554 MHz



Limit Margin : 7.577 dB @ 179.204 MHz

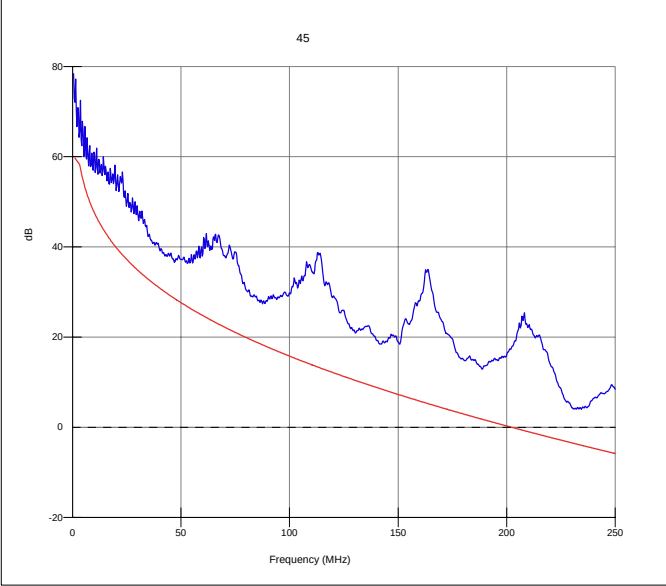




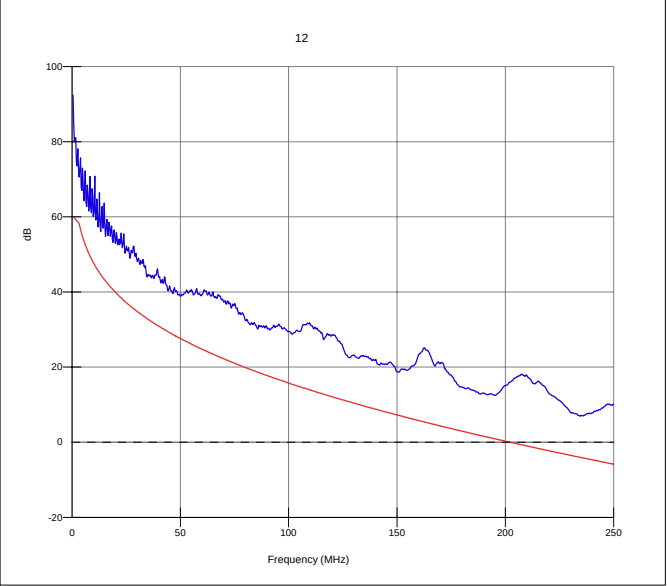
PSACR - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

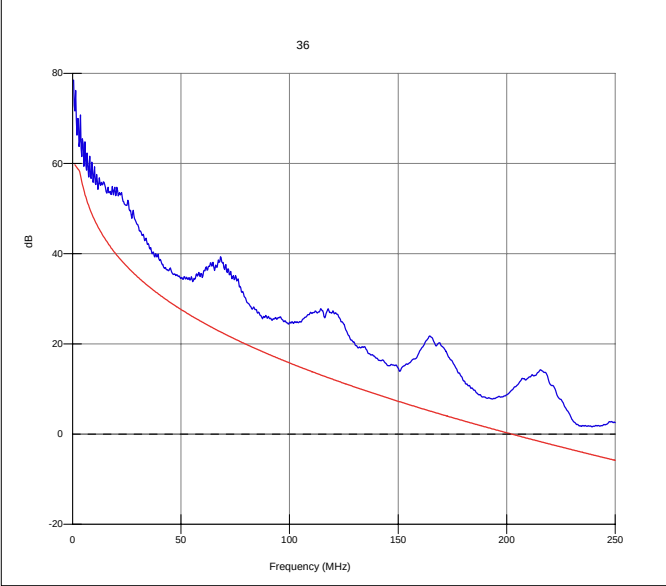
Limit Margin : 5.834 dB @ 2.995 MHz



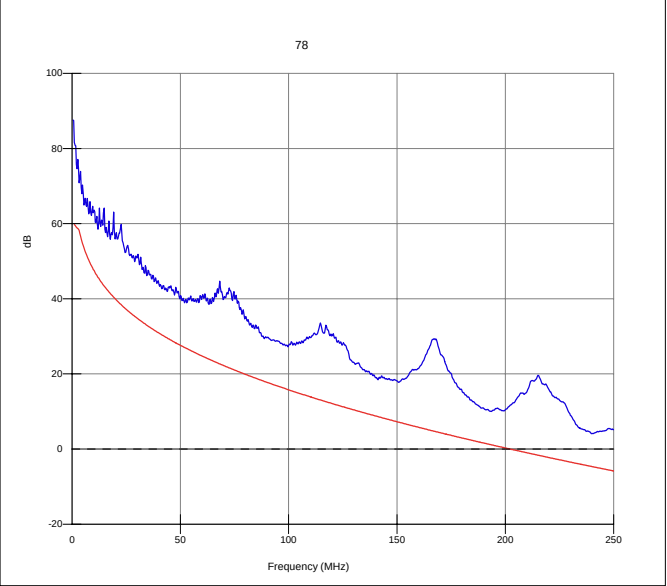
Limit Margin : 10.712 dB @ 5.490 MHz



Limit Margin : 5.238 dB @ 5.178 MHz



Limit Margin : 8.733 dB @ 239.708 MHz

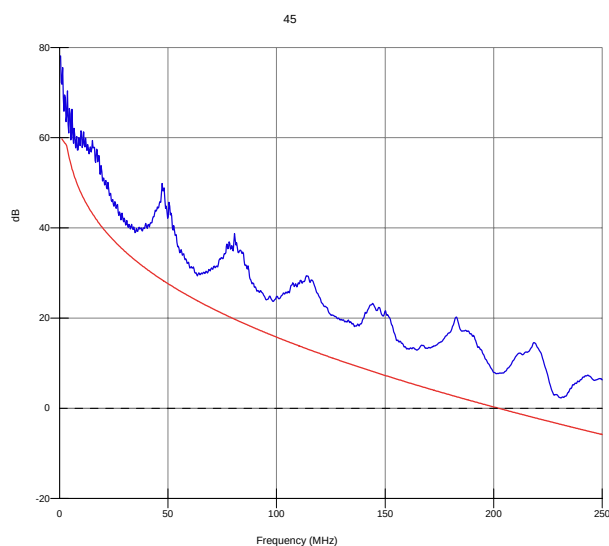




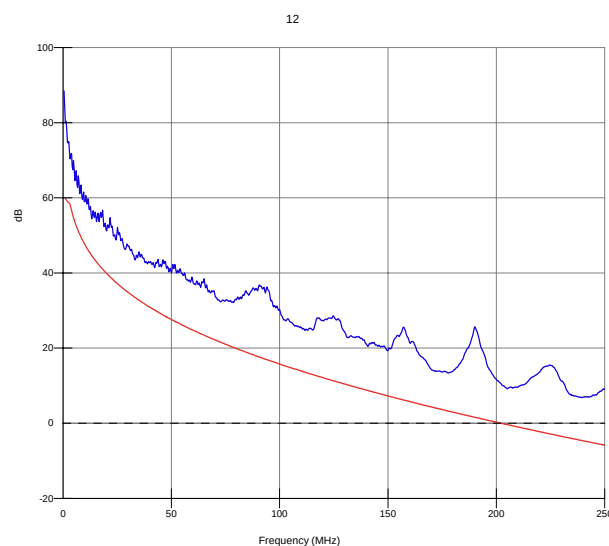
PSACR - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

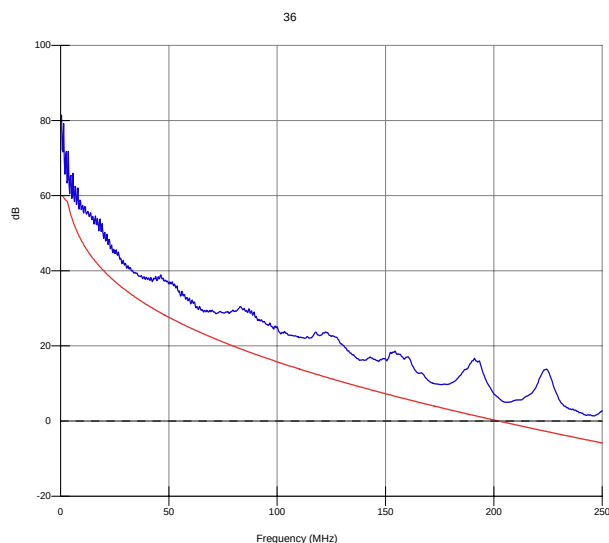
Limit Margin : 5.064 dB @ 4.243 MHz



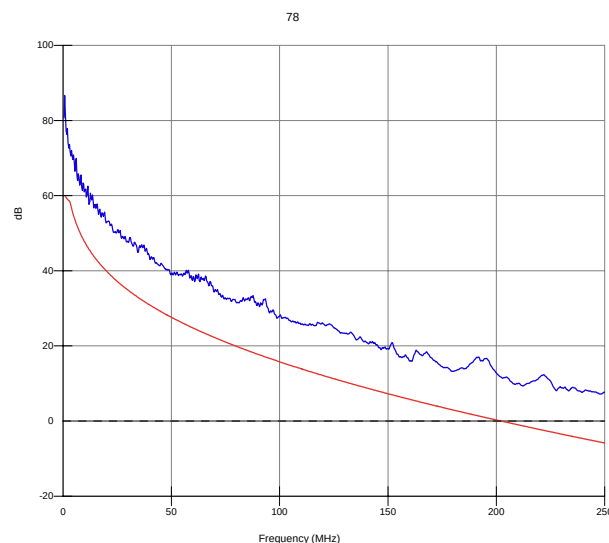
Limit Margin : 9.540 dB @ 205.090 MHz



Limit Margin : 4.508 dB @ 4.243 MHz



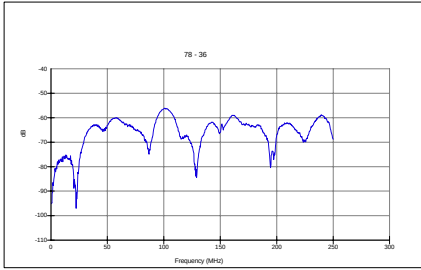
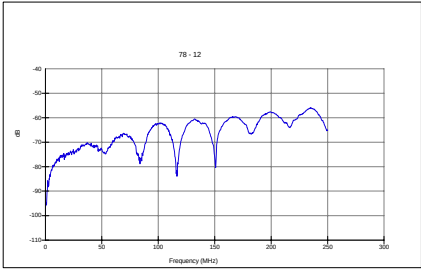
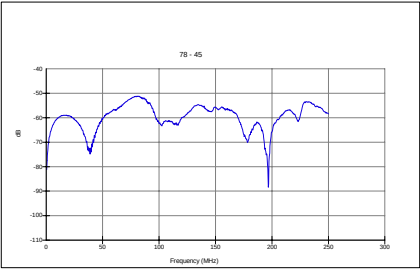
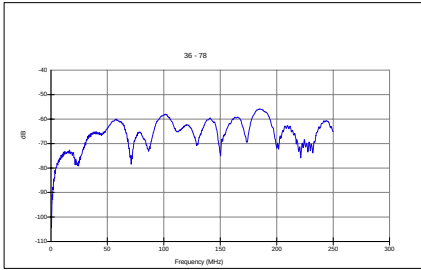
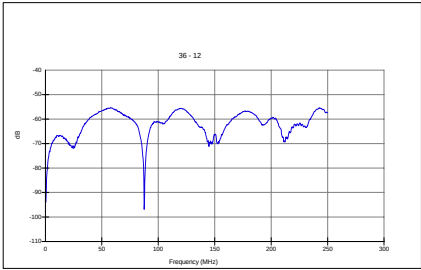
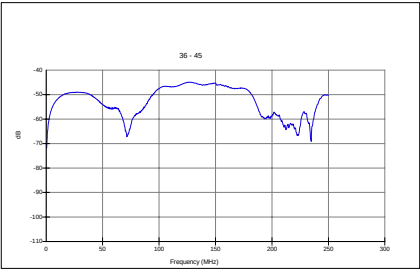
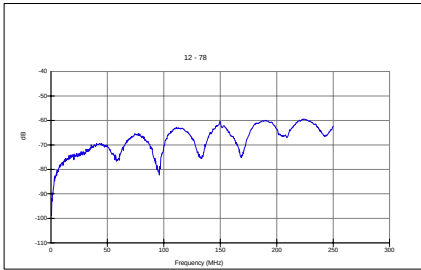
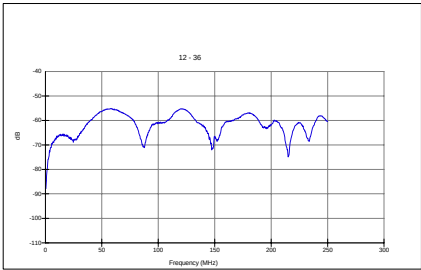
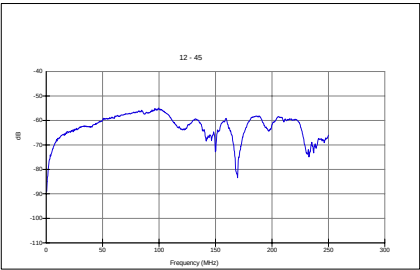
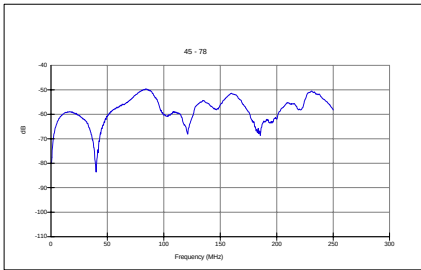
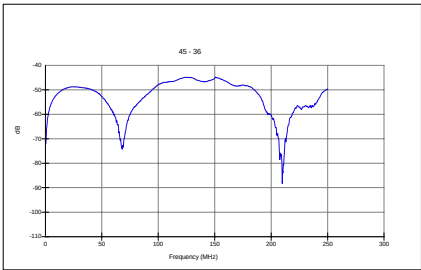
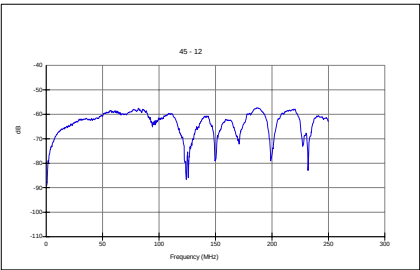
Limit Margin : 10.164 dB @ 159.868 MHz





FEXT - Near End

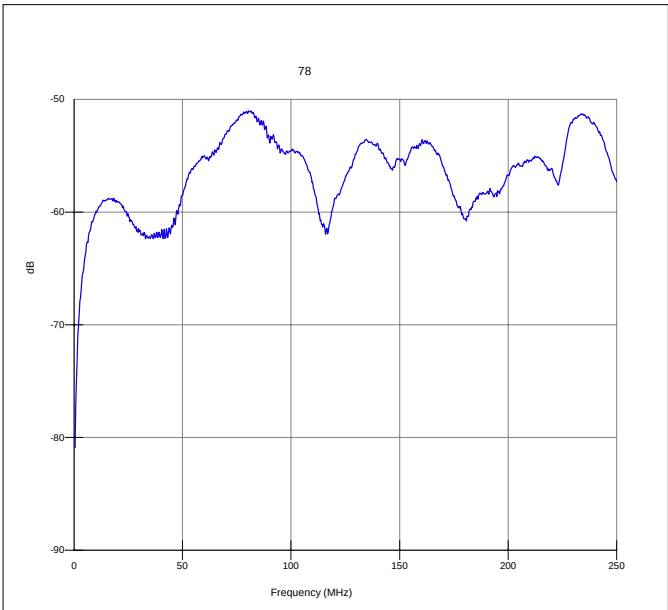
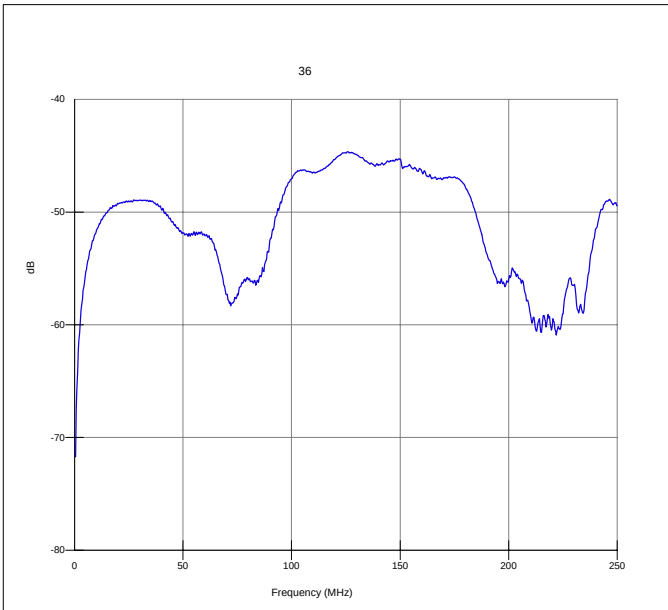
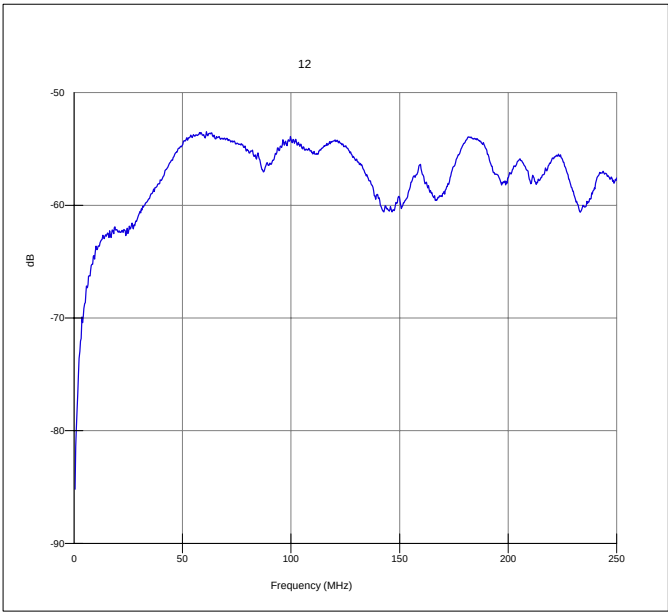
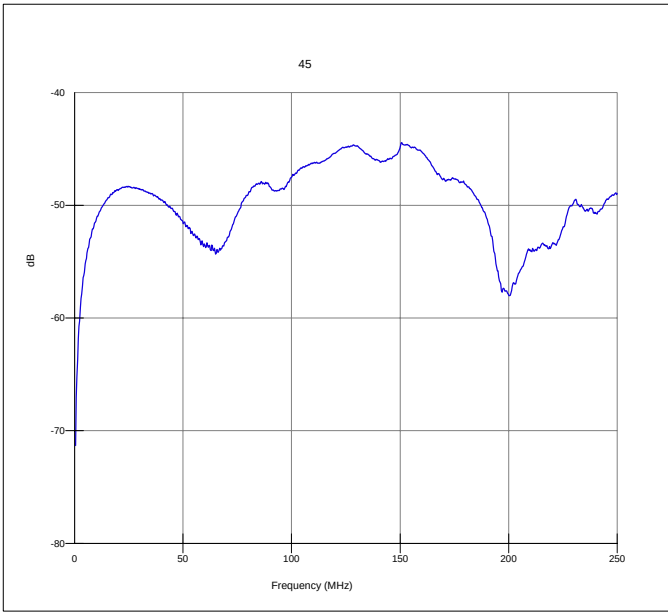
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		





PSFEXT - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

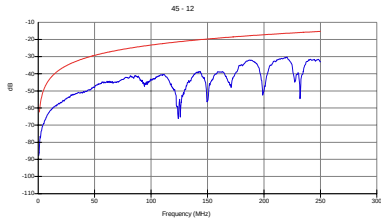




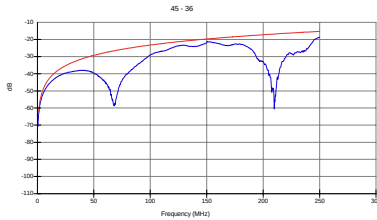
ACRF (ELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies

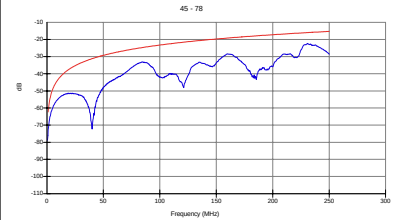
Limit Margin : 13.886 dB @ 220.372 MHz



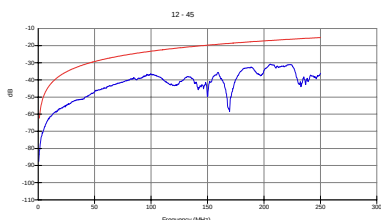
Limit Margin : 1.558 dB @ 150.512 MHz



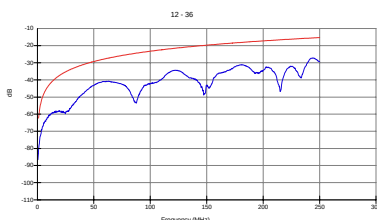
Limit Margin : 6.356 dB @ 230.976 MHz



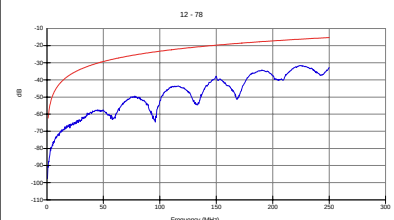
Limit Margin : 13.075 dB @ 99.676 MHz



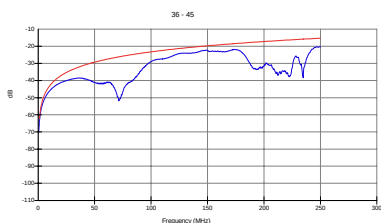
Limit Margin : 11.664 dB @ 243.763 MHz



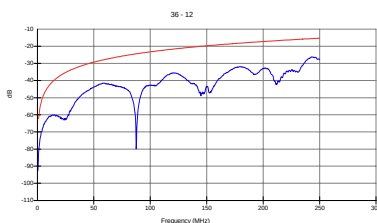
Limit Margin : 15.334 dB @ 224.114 MHz



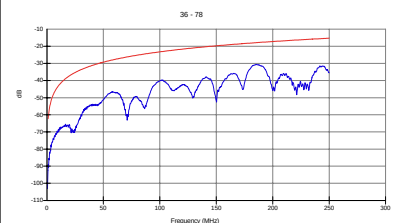
Limit Margin : 1.514 dB @ 1.748 MHz



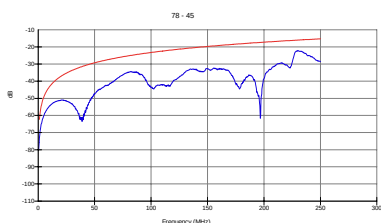
Limit Margin : 10.690 dB @ 242.827 MHz



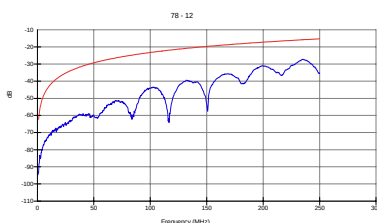
Limit Margin : 12.716 dB @ 184.818 MHz



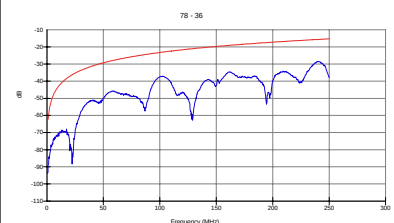
Limit Margin : 6.091 dB @ 230.040 MHz



Limit Margin : 11.368 dB @ 235.342 MHz



Limit Margin : 12.694 dB @ 239.396 MHz

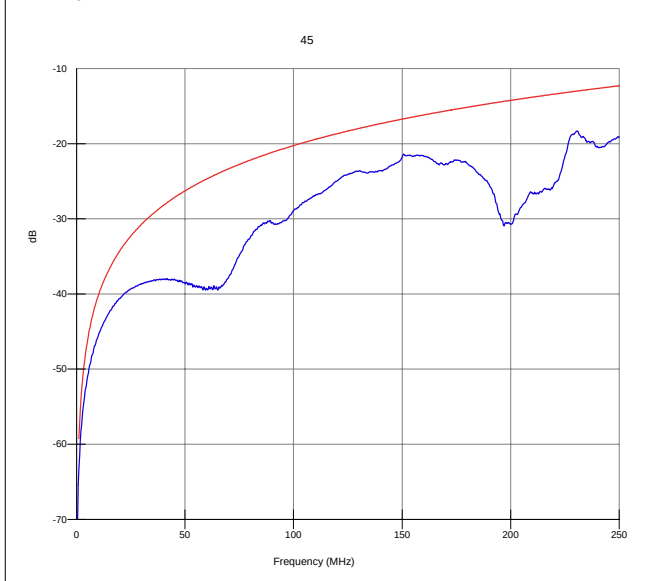




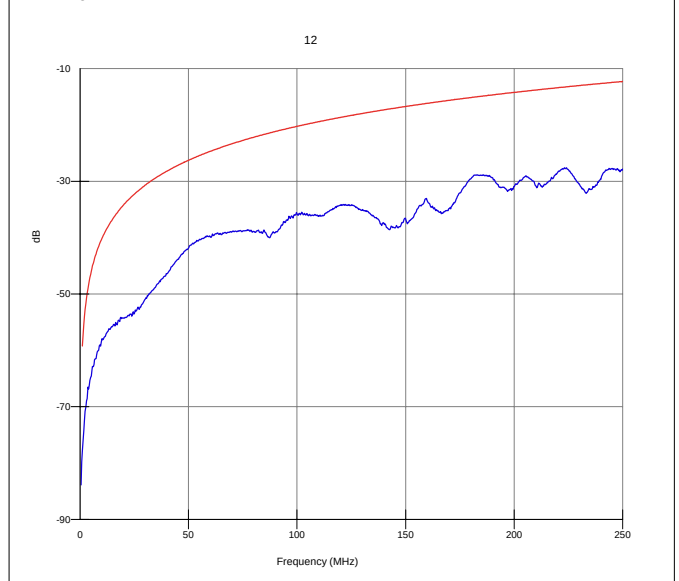
PSACRF (PSELFEXT) - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

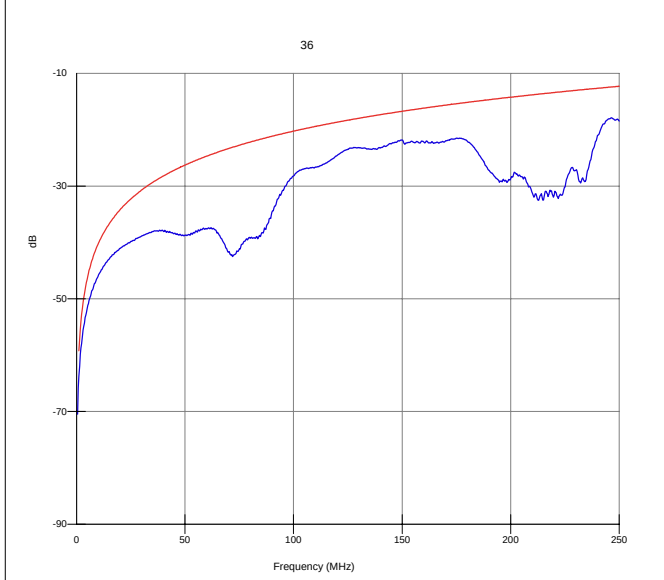
Limit Margin : 4.024 dB @ 1.748 MHz



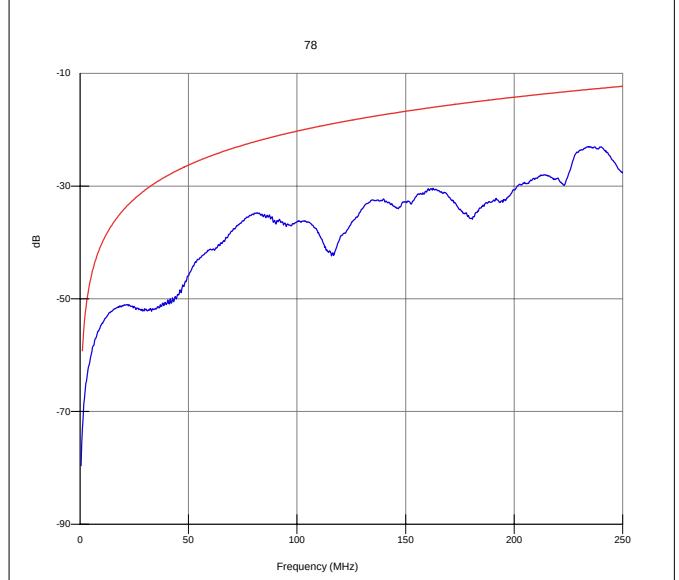
Limit Margin : 13.818 dB @ 181.699 MHz



Limit Margin : 4.422 dB @ 1.748 MHz



Limit Margin : 10.132 dB @ 233.783 MHz

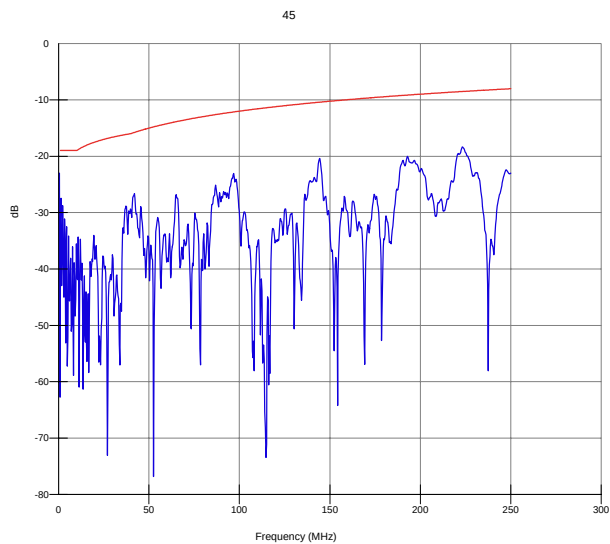




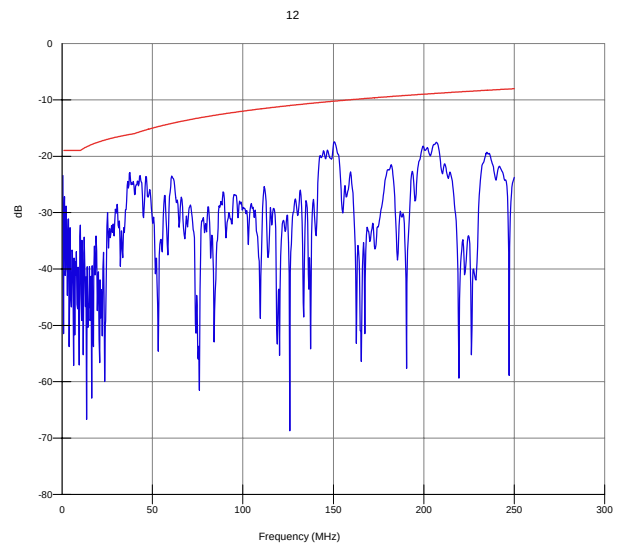
Return Loss - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

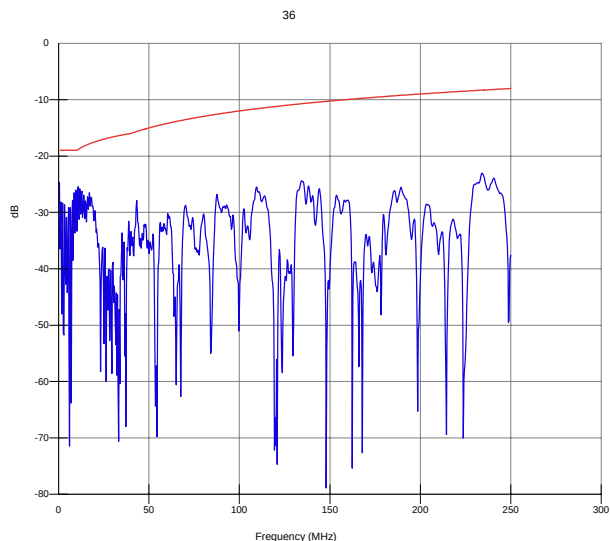
Limit Margin : 8.477 dB @ 1.436 MHz



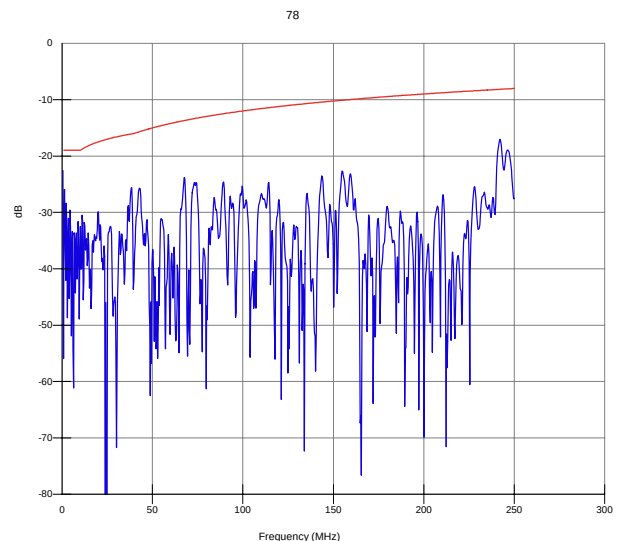
Limit Margin : 6.763 dB @ 37.613 MHz



Limit Margin : 6.607 dB @ 10.792 MHz



Limit Margin : 6.927 dB @ 1.436 MHz

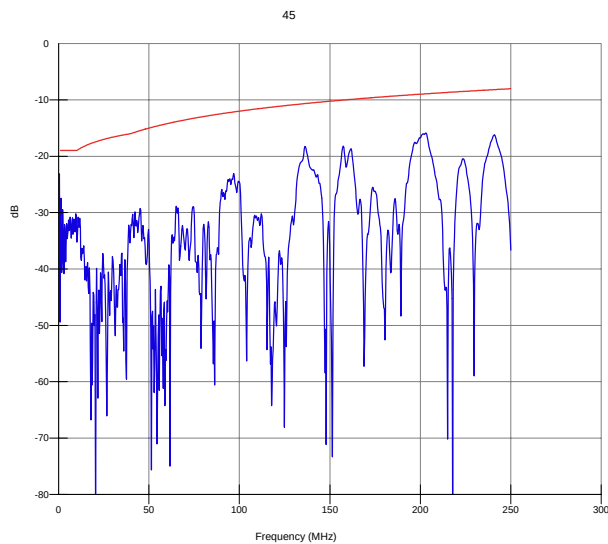




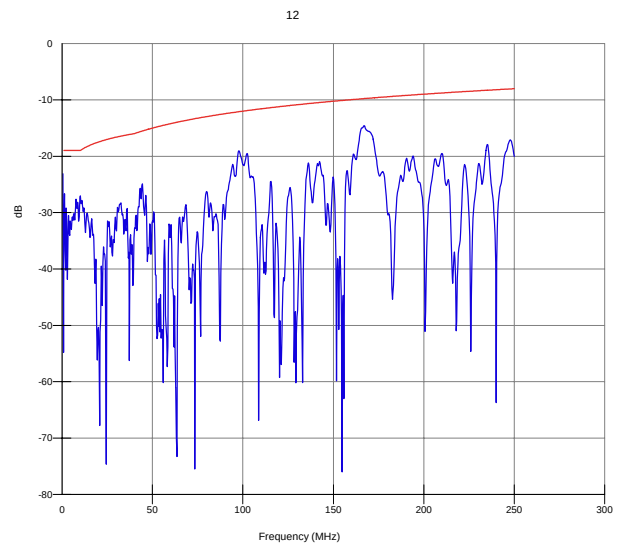
Return Loss - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

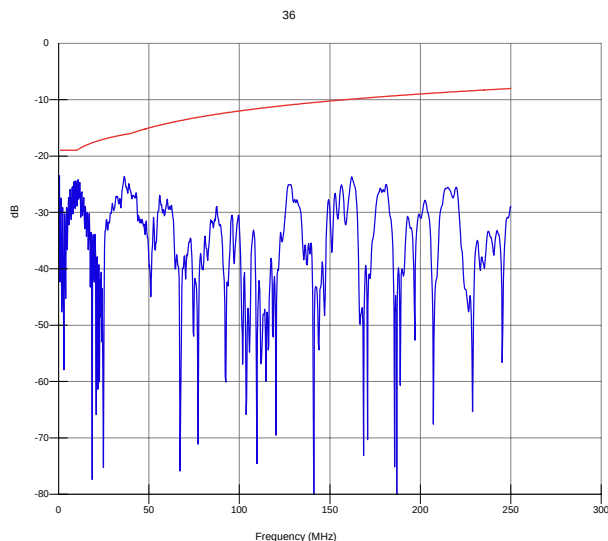
Limit Margin : 6.963 dB @ 202.907 MHz



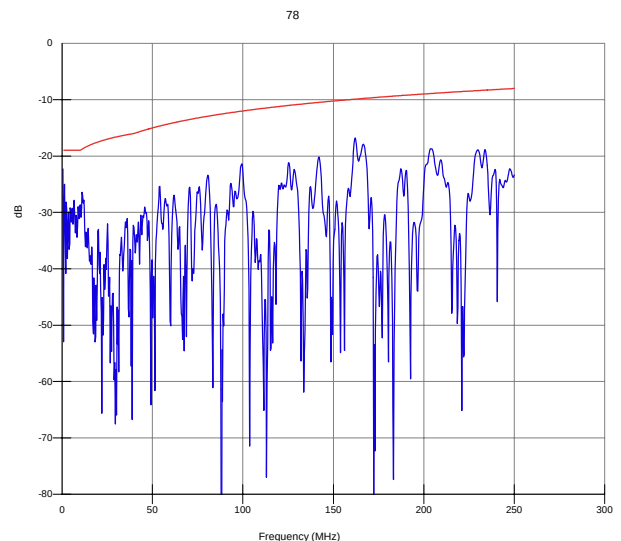
Limit Margin : 4.801 dB @ 167.041 MHz



Limit Margin : 5.341 dB @ 10.792 MHz



Limit Margin : 6.025 dB @ 1.436 MHz

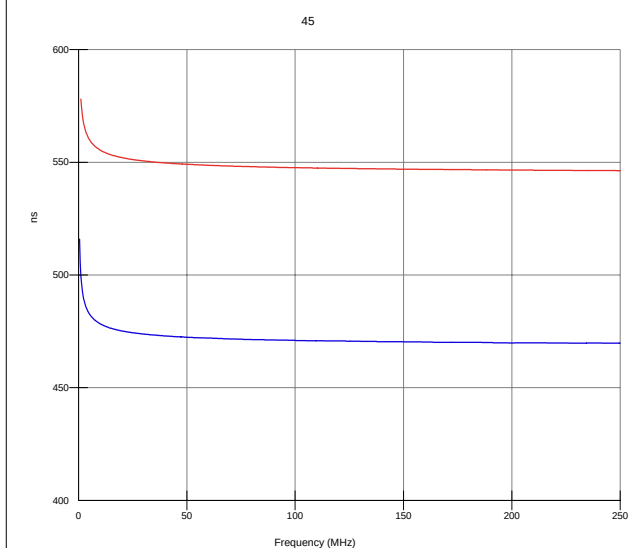




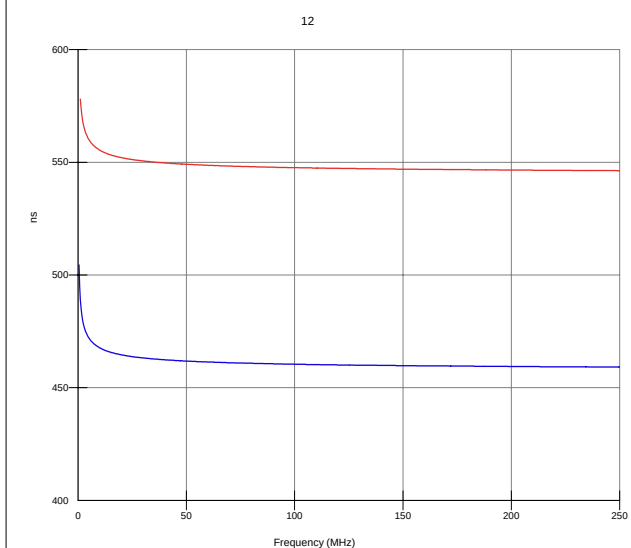
Propagation Delay - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

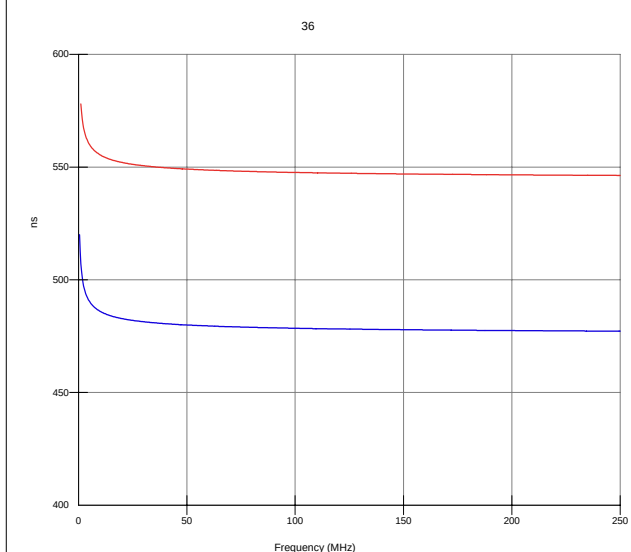
Limit Margin : 76.530 ns @ 239.084 MHz



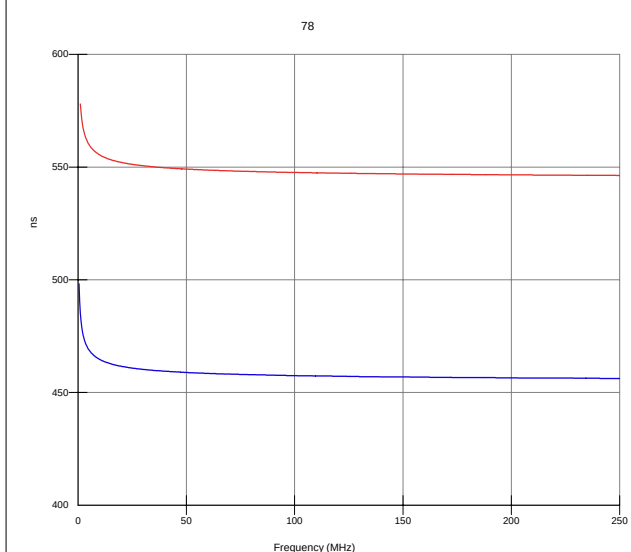
Limit Margin : 87.100 ns @ 244.074 MHz



Limit Margin : 69.050 ns @ 195.734 MHz



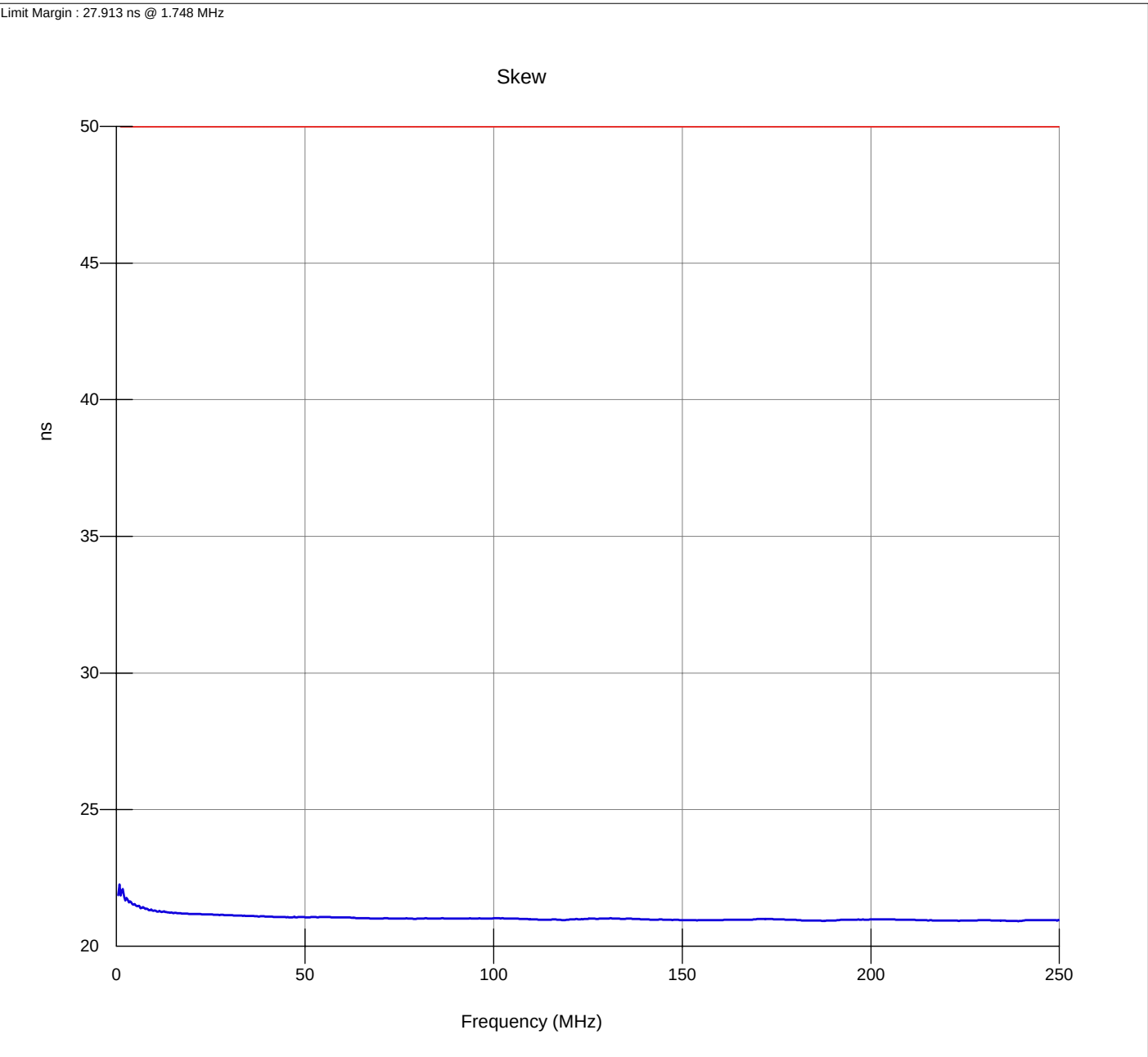
Limit Margin : 90.000 ns @ 224.426 MHz





Propagation Delay Skew - Near End

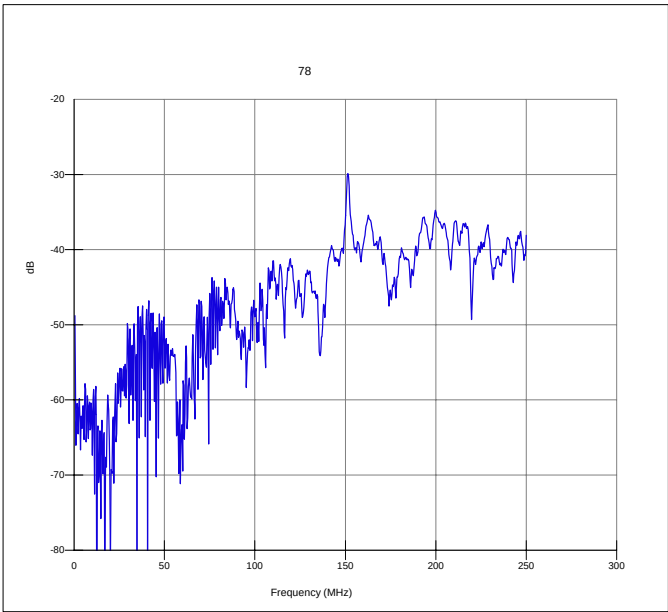
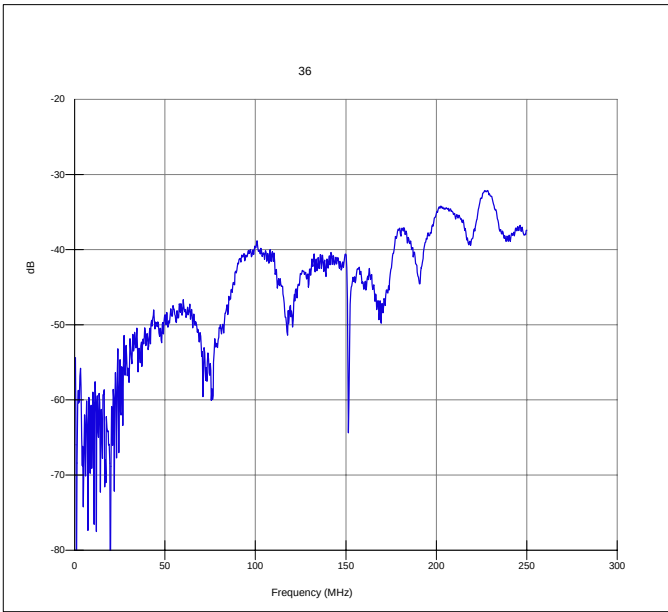
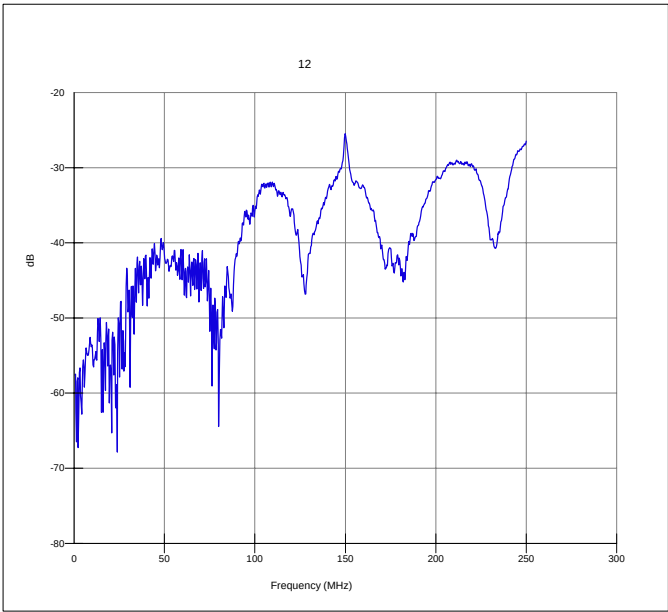
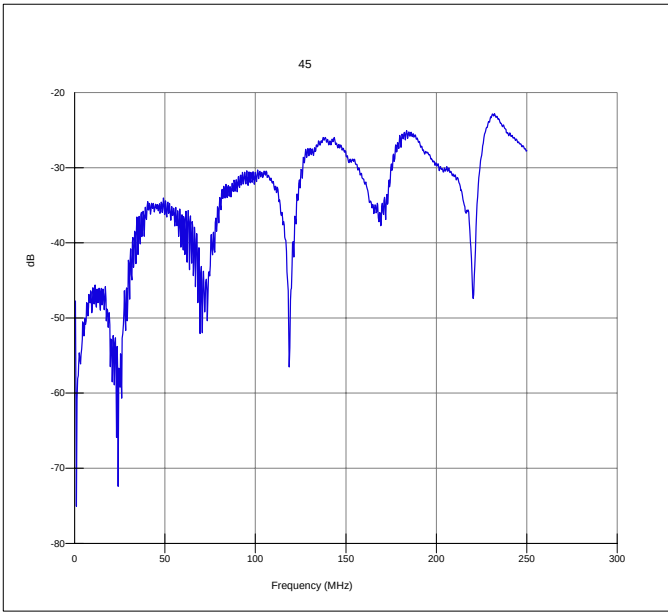
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies





TCL - Near End

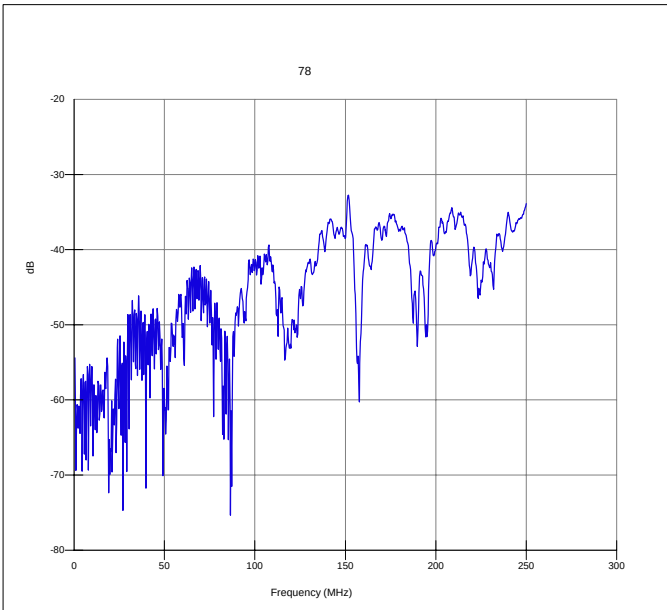
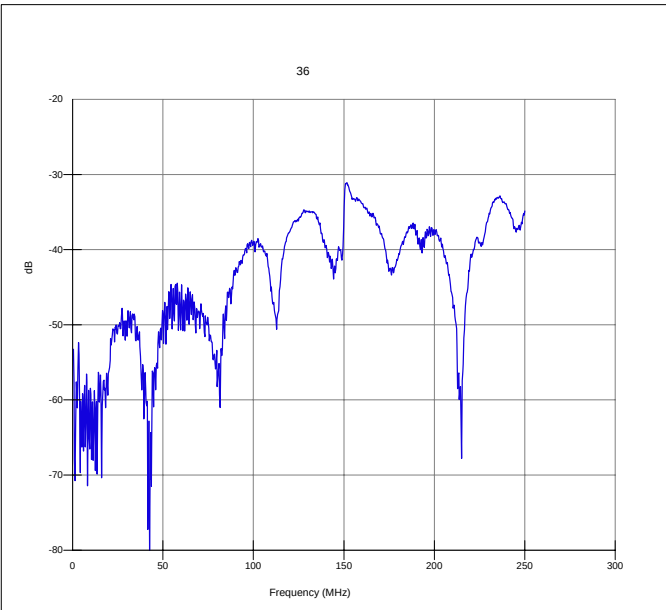
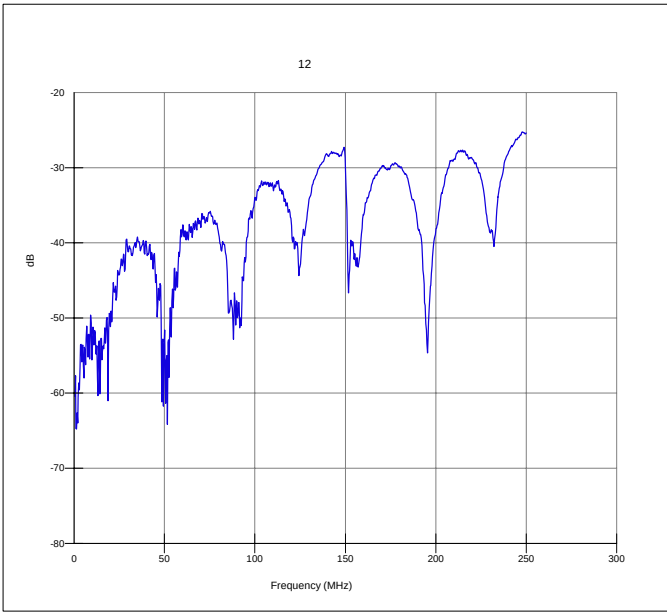
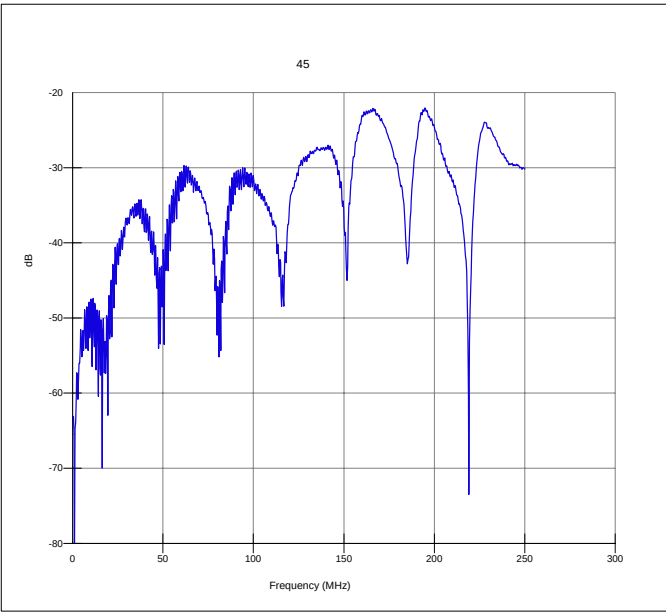
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies





TCL - Far End

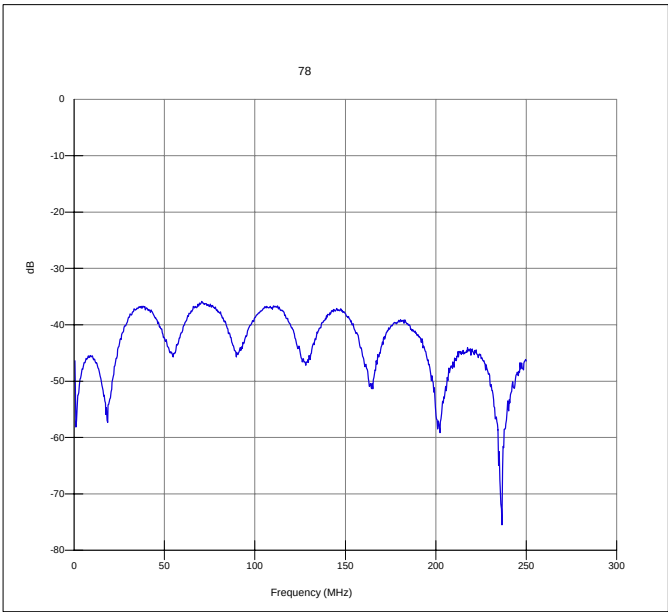
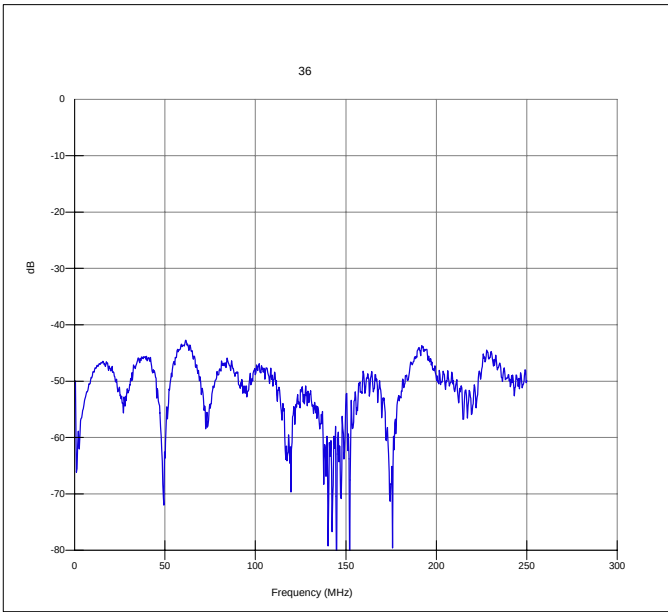
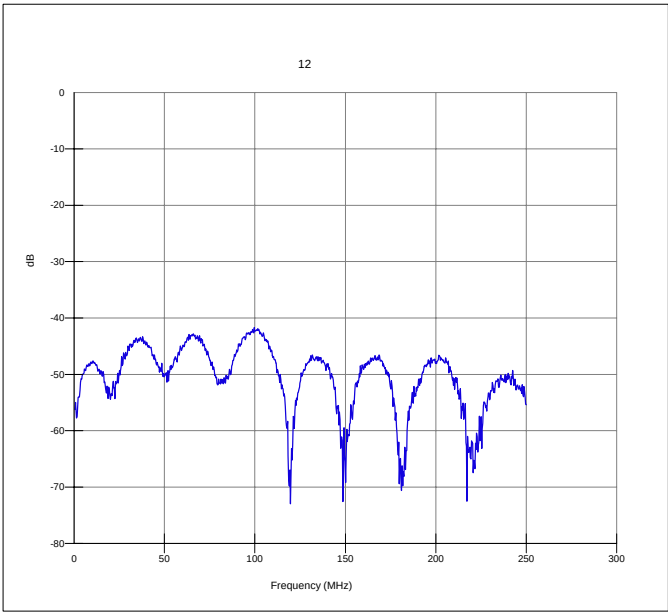
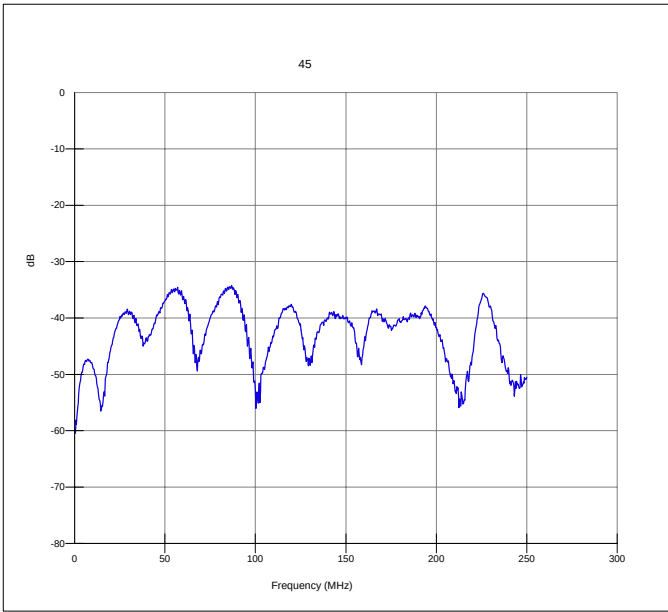
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies





TCTL - Near End

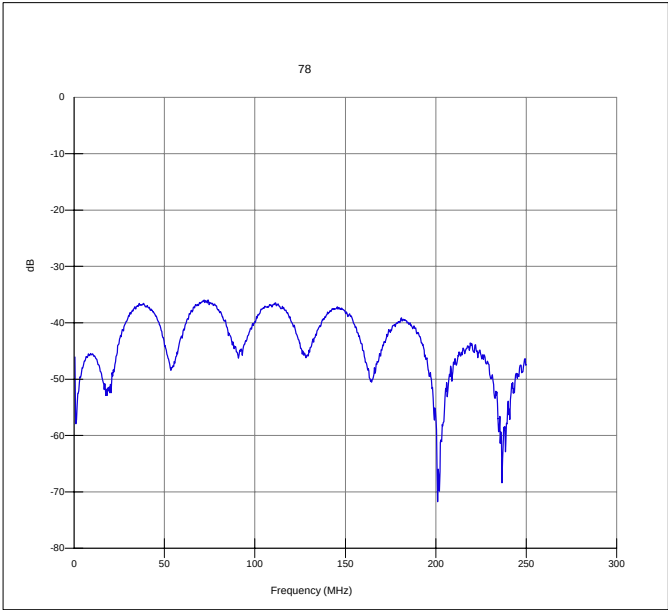
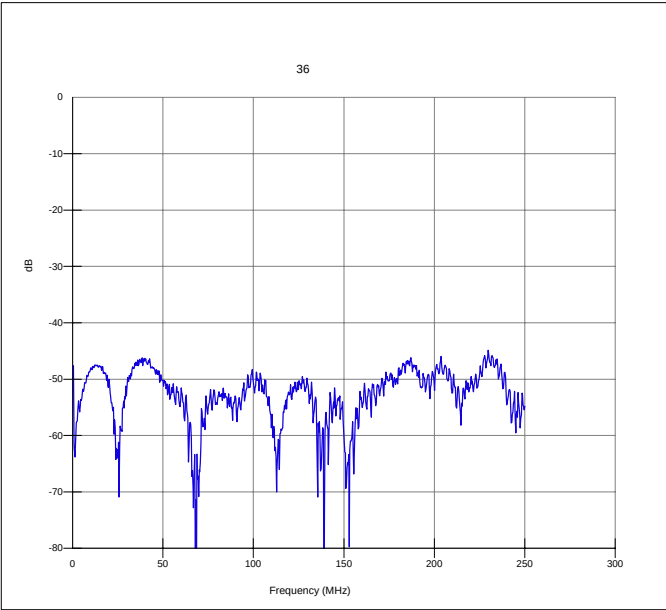
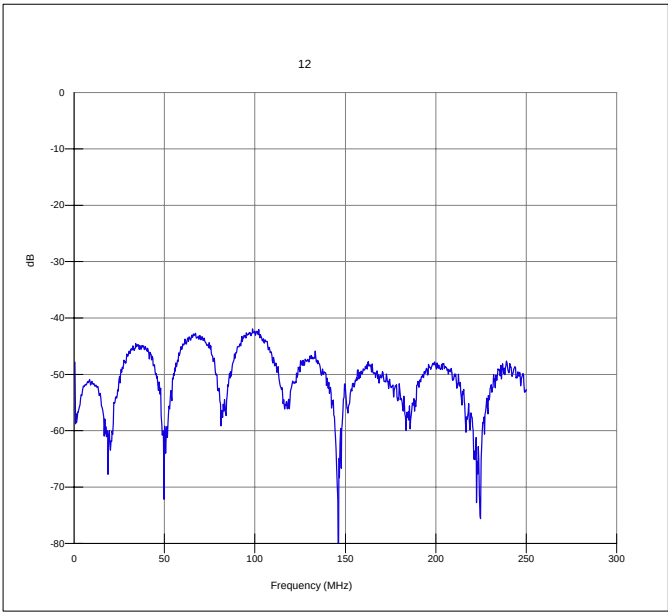
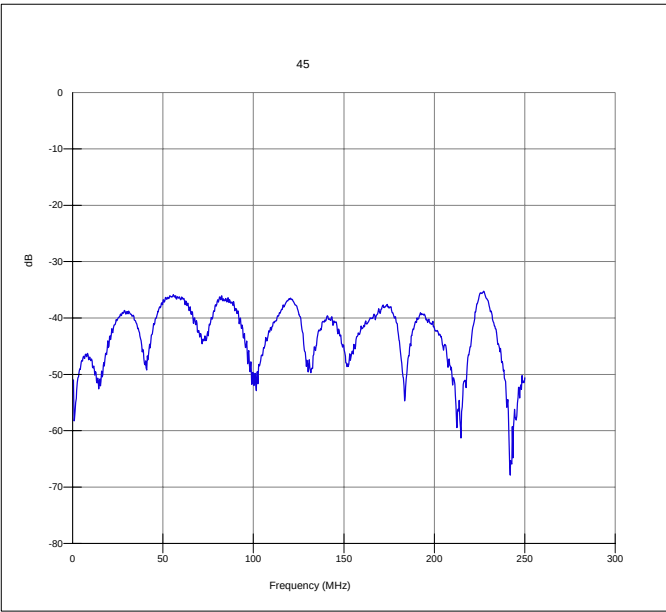
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies





TCTL - Far End

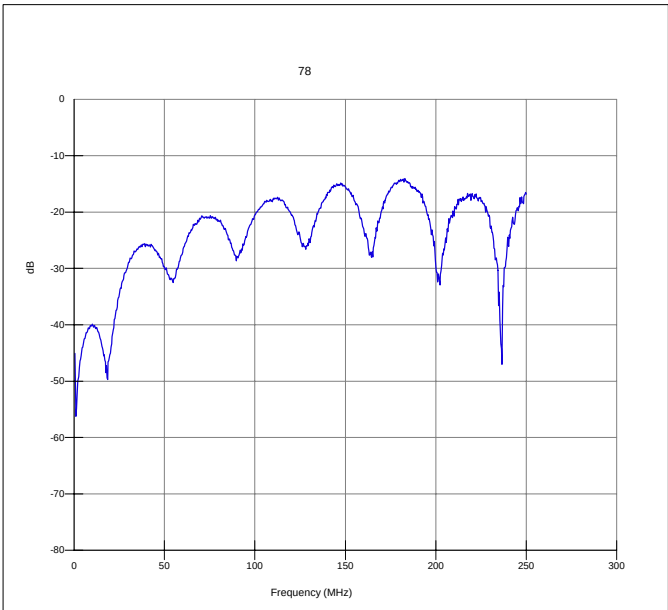
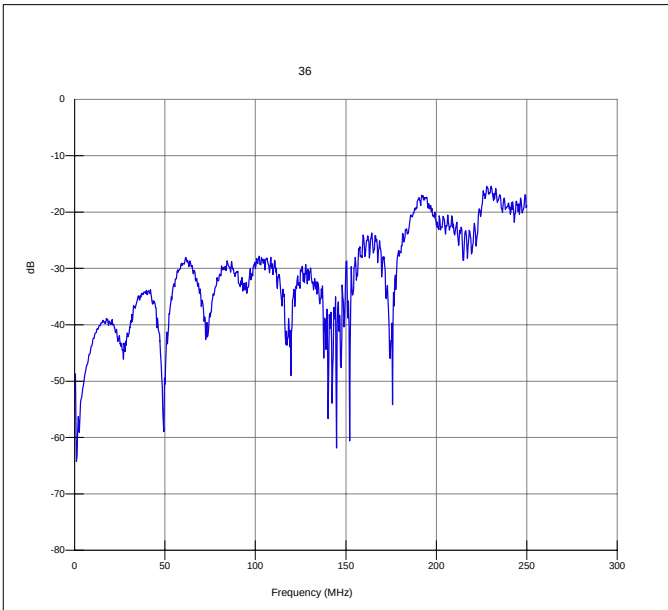
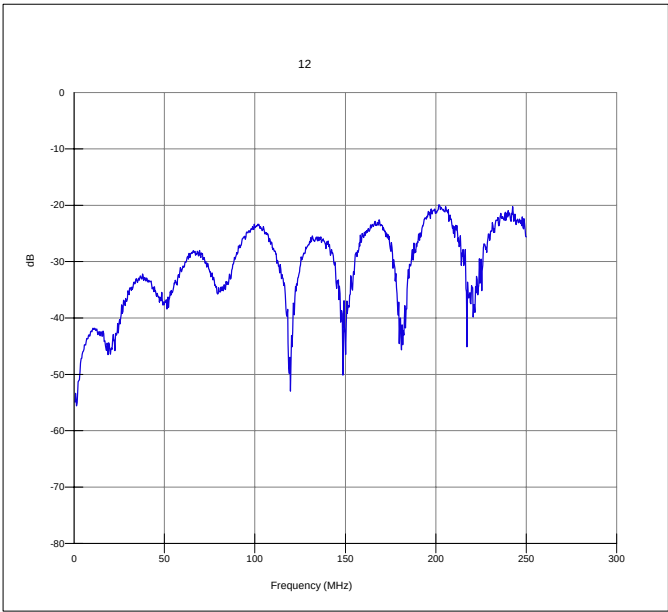
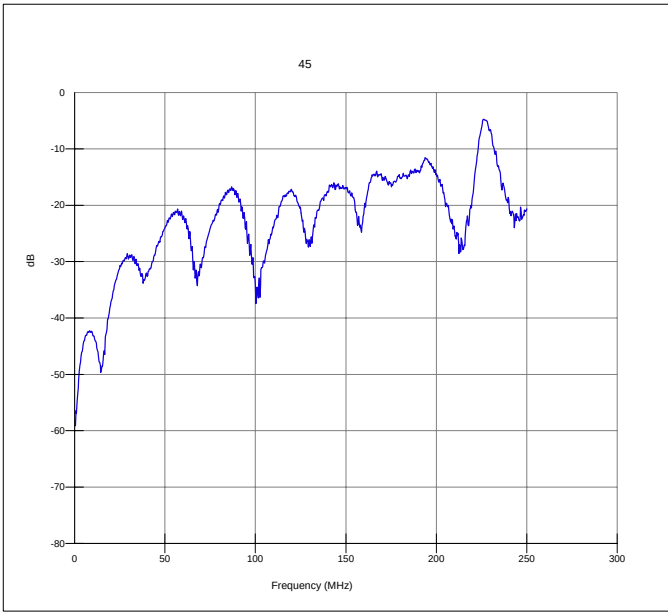
Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies





ELTCTL - Near End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel		
Part No	PCGUCC6LZGR	Length(m)	100.
Test Started	10/20/2015 1:34:35 PM	Temperature	22 °C
Description	4 Connector Channel	Appendix	C
Operator Name	John Cash	Test Status	Complies





ELTCTL - Far End

Client	Nexxt Solutions LLC	Report No	102045223CRT-002a
Specification	ANSI-TIA-568-C2 Cat 6 Channel	Length(m)	100.
Part No	PCGUCC6LZGR	Temperature	22 °C
Test Started	10/20/2015 1:34:35 PM	Appendix	C
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		

