

November 30, 2010

Test report number 100227874CRT-001d
Project number 100227874-311

Nexxt Solutions LLC
454 Holiday Drive
Hallandale, FL 33009

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:

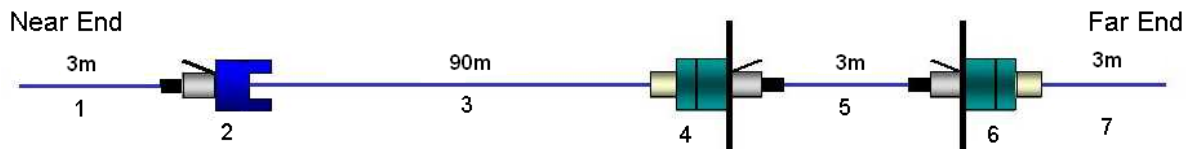
6.2: Channel transmission performance (6.2.1 to 6.2.26)

AUTHORIZATION:

The project was authorized by Mr. Paul Lombardi, representing the client, Nexxt Solutions LLC, with signed quotation number 500236899.

SAMPLE DESCRIPTION:

An Intertek field representative randomly selected a 3-connector channel as illustrated below. The sample was received on November 29, 2010 and was in good condition.



<u>Component Id</u>	<u>Manufacturer</u>	<u>Description</u>	<u>Part number</u>
1, 7	Nexxt Solutions	Equipment cord	AB361NXT27
2	Nexxt Solutions	Wall Outlet	AW120NXT11
3	Nexxt Solutions	Horizontal Cable	AB356NXT05
4, 6	Nexxt Solutions	Patch Panel	AW191NXT01
5	Nexxt Solutions	Cross Connect	AB361NXT27





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>
HP Automatic Cable Test System	46152A	E307	3/1/2010	3/1/2011

DATE OF TEST:

November 30, 2010

TEST REPORT REVISION HISTORY:

First Issue: November 30, 2010 Original Document

RESULTS: See appendix A for the test results.

CONCLUSION:

The channel cabling configuration, as previously described and randomly selected by an Intertek field 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
Engineer
Global Cabling Products Testing

John Cash
Technician
Global Cabling Products Testing



Appendix A
Test results

This appendix contains 42 pages.



Low Frequency Report

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

DC Resistance (Ohms)				
Blue	Orange	Green	Brown	Limit (Ohms)
7.7140	7.5510	7.6203	7.4320	
7.6518	7.4909	7.6675	7.5991	

Resistance Unbalanced (%)				
Blue	Orange	Green	Brown	Limit (%)
0.40	0.40	0.31	1.11	3.00

Resistance Unbalanced Pair-Pair (%)						
Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown	Limit (%)
1.07	0.25	1.11	0.81	0.04	0.85	

DC Loop Resistance (Ohms)				
Blue	Orange	Green	Brown	Limit (Ohms)
15.3710	15.0470	15.2930	15.0350	25.0000



Attenuation (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

Attenuation Near End (dB)				
Frequency	Blue	Orange	Green	Brown
0.772	-1.57	-1.49	-1.55	-1.48
1.	-1.80	-1.72	-1.78	-1.71
4.	-3.62	-3.51	-3.61	-3.48
8.	-5.16	-5.02	-5.14	-4.97
10.	-5.79	-5.64	-5.76	-5.58
16.	-7.38	-7.19	-7.35	-7.10
20.	-8.29	-8.08	-8.26	-7.98
25.	-9.33	-9.11	-9.28	-8.99
31.25	-10.49	-10.30	-10.45	-10.14
62.5	-15.12	-14.88	-15.09	-14.62
100.	-19.46	-19.11	-19.43	-18.75
150.	-24.19	-23.69	-24.23	-23.25
155.	-24.57	-24.26	-24.60	-23.75
200.	-28.57	-27.53	-28.40	-27.15
250.	-31.83	-31.45	-31.99	-30.52



Near End Cross Talk (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

NEXT Near End (dB)						
Frequency	Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown
0.772	-93.36	-87.55	-91.02	-88.61	-97.49	-102.00
1.	-89.13	-88.17	-93.75	-87.98	-98.16	-97.85
4.	-85.02	-81.11	-81.29	-76.64	-87.33	-97.45
8.	-74.21	-75.81	-76.24	-69.22	-87.02	-78.11
10.	-76.60	-77.07	-73.83	-66.48	-82.58	-85.40
16.	-67.37	-78.96	-74.57	-65.44	-83.16	-82.79
20.	-74.02	-74.54	-75.41	-61.56	-79.22	-73.72
25.	-72.04	-71.98	-67.65	-62.74	-78.66	-72.73
31.25	-63.64	-70.62	-71.52	-57.36	-86.18	-69.17
62.5	-58.36	-66.12	-63.75	-53.68	-68.42	-63.30
100.	-56.33	-66.71	-55.04	-50.13	-74.74	-56.78
150.	-52.25	-58.60	-53.55	-44.17	-64.46	-50.51
155.	-55.22	-56.72	-53.24	-44.16	-61.21	-48.62
200.	-53.19	-50.86	-47.90	-42.34	-57.66	-44.67
250.	-51.31	-44.46	-47.67	-41.42	-72.13	-43.97



Near End Cross Talk (Far End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

NEXT Far End (dB)						
Frequency	Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown
0.772	-93.26	-90.27	-88.16	-90.25	-88.60	-92.89
1.	-87.90	-88.51	-104.78	-97.43	-91.54	-90.12
4.	-76.53	-89.98	-78.40	-81.01	-83.73	-101.78
8.	-70.86	-82.60	-73.38	-74.39	-94.19	-86.29
10.	-72.34	-79.39	-73.45	-75.41	-84.83	-78.98
16.	-68.10	-71.40	-67.73	-73.68	-82.65	-79.71
20.	-70.50	-71.89	-69.56	-64.71	-81.07	-75.74
25.	-62.74	-68.78	-64.56	-63.21	-75.51	-78.22
31.25	-57.58	-75.89	-68.54	-61.75	-74.24	-65.09
62.5	-54.74	-61.54	-60.93	-55.08	-67.69	-62.73
100.	-48.34	-61.38	-58.31	-54.50	-56.10	-58.77
150.	-56.70	-53.61	-48.03	-50.83	-66.06	-55.41
155.	-52.66	-49.68	-46.50	-47.33	-56.20	-53.35
200.	-43.70	-44.65	-48.20	-49.35	-47.88	-64.49
250.	-46.78	-44.54	-46.00	-47.03	-51.85	-48.92



NEXT Power Sum (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

PS NEXT Near End (dB)				
Frequency	Blue	Orange	Green	Brown
0.772	-85.21	-86.92	-84.84	-89.57
1.	-84.46	-85.09	-84.68	-90.50
4.	-76.42	-75.41	-75.07	-80.16
8.	-70.46	-67.89	-67.92	-73.82
10.	-70.27	-65.80	-66.04	-72.92
16.	-66.17	-63.08	-65.13	-73.09
20.	-69.69	-61.23	-61.09	-70.36
25.	-65.19	-62.15	-61.87	-66.11
31.25	-62.27	-56.37	-56.89	-66.95
62.5	-56.70	-52.29	-53.00	-59.82
100.	-52.46	-49.18	-49.19	-52.77
150.	-49.29	-43.51	-43.14	-48.64
155.	-50.05	-43.75	-42.66	-47.15
200.	-45.34	-41.88	-39.97	-42.83
250.	-42.20	-41.00	-38.30	-42.42



NEXT Power Sum (Far End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

PS NEXT Far End (dB)				
Frequency	Blue	Orange	Green	Brown
0.772	-85.28	-85.19	-86.20	-84.46
1.	-83.57	-84.13	-85.33	-86.12
4.	-74.14	-74.35	-79.74	-77.25
8.	-68.74	-69.22	-73.54	-73.11
10.	-69.32	-69.82	-71.96	-72.11
16.	-64.00	-66.67	-68.82	-67.31
20.	-65.77	-63.57	-63.65	-68.31
25.	-59.93	-59.84	-62.02	-64.00
31.25	-57.18	-56.09	-59.95	-63.11
62.5	-53.13	-51.78	-53.61	-58.16
100.	-47.73	-46.84	-52.51	-52.79
150.	-46.53	-49.73	-48.10	-47.24
155.	-44.13	-45.79	-44.70	-45.31
200.	-40.36	-41.51	-43.35	-44.97
250.	-40.90	-43.25	-41.69	-43.52



Attenuation to Cross Talk Ratio (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel		
Part No		Length(m)	100.
Test Started	11/30/2010 3:01:18 PM	Temperature	23 °C
Description	3 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

ACR Near End (dB)						
Frequency	Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown
0.772	91.86	86.00	89.54	87.06	96.01	100.52
1.	87.41	86.38	92.04	86.20	96.45	96.14
4.	81.50	77.51	77.81	73.04	83.86	93.97
8.	69.19	70.67	71.27	64.08	82.06	73.14
10.	70.96	71.30	68.25	60.71	77.00	79.82
16.	60.18	71.62	67.46	58.10	76.06	75.69
20.	65.94	66.28	67.43	53.30	71.24	65.74
25.	62.93	62.70	58.66	53.46	69.67	63.73
31.25	53.34	60.17	61.37	46.92	76.03	59.03
62.5	43.48	51.03	49.13	38.59	53.81	48.69
100.	37.22	47.28	36.30	30.69	55.99	38.03
150.	28.56	34.37	30.30	19.94	41.22	27.26
155.	30.96	32.12	29.49	19.56	37.46	24.87
200.	25.66	22.46	20.75	13.94	30.51	17.52
250.	19.86	12.48	17.15	9.44	41.61	13.45



Attenuation to Cross Talk Ratio (Far End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel		
Part No		Length(m)	100.
Test Started	11/30/2010 3:01:18 PM	Temperature	23 °C
Description	3 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

ACR Far End (dB)						
Frequency	Blue - Orange	Blue - Green	Blue - Brown	Orange - Green	Orange - Brown	Green - Brown
0.772	91.76	88.72	86.68	88.70	87.12	91.41
1.	86.17	86.73	103.06	95.65	89.82	88.41
4.	73.01	86.38	74.92	77.41	80.25	98.30
8.	65.84	77.46	68.41	69.26	89.21	81.32
10.	66.70	73.63	67.86	69.64	79.24	73.39
16.	60.91	64.05	60.62	66.34	75.54	72.60
20.	62.40	63.63	61.56	56.46	73.07	67.74
25.	53.62	59.49	55.54	53.92	66.49	69.20
31.25	47.27	65.43	58.39	51.30	64.09	54.95
62.5	39.96	46.45	46.37	39.99	53.13	48.17
100.	29.29	41.91	39.57	35.04	37.35	40.03
150.	33.05	29.43	24.80	26.65	42.83	32.18
155.	28.44	24.96	22.83	22.62	32.53	29.68
200.	16.07	16.31	21.03	21.01	20.71	37.32
250.	15.33	12.46	15.52	14.95	21.36	18.43



Power Sum ACR (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

PS ACR Near End (dB)				
Frequency	Blue	Orange	Green	Brown
0.772	83.64	85.43	83.29	88.09
1.	82.66	83.37	82.90	88.79
4.	72.80	71.90	71.46	76.69
8.	65.29	62.87	62.78	68.85
10.	64.48	60.17	60.28	67.34
16.	58.79	55.89	57.78	65.98
20.	61.40	53.15	52.83	62.38
25.	55.86	53.03	52.59	57.12
31.25	51.79	46.07	46.44	56.81
62.5	41.58	37.42	37.92	45.20
100.	32.99	30.07	29.76	34.02
150.	25.10	19.82	18.91	25.40
155.	25.48	19.49	18.06	23.40
200.	16.77	14.35	11.57	15.68
250.	10.37	9.55	6.31	11.90



Power Sum ACR (Far End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

PS ACR Far End (dB)				
Frequency	Blue	Orange	Green	Brown
0.772	83.71	83.68	84.65	82.98
1.	81.77	82.40	83.55	84.40
4.	70.53	70.83	76.14	73.77
8.	63.58	64.20	68.41	68.13
10.	63.53	64.18	66.19	66.52
16.	56.63	59.47	61.48	60.20
20.	57.49	55.47	55.40	60.31
25.	50.60	50.71	52.73	54.99
31.25	46.67	45.79	49.49	52.97
62.5	38.00	37.00	38.52	43.60
100.	28.25	27.80	33.05	34.05
150.	22.20	26.07	23.92	24.01
155.	19.42	21.58	19.98	21.64
200.	12.05	13.88	15.01	17.81
250.	8.92	11.80	9.61	13.03



FEXT (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

FEXT Near End (dB)						
Frequency	Blue - Orange	Blue - Green	Blue - Brown	Orange - Blue	Orange - Green	Orange - Brown
0.772	-81.43	-78.99	-87.58	-80.34	-90.87	-94.93
1.	-79.79	-77.68	-85.14	-79.39	-88.50	-98.41
4.	-69.46	-68.85	-73.93	-69.56	-77.75	-95.55
8.	-65.24	-64.95	-65.72	-64.92	-72.44	-84.90
10.	-64.60	-63.24	-63.32	-64.70	-69.97	-85.27
16.	-65.08	-60.34	-58.95	-64.95	-67.42	-81.69
20.	-67.97	-59.38	-57.32	-66.94	-66.88	-79.99
25.	-70.97	-59.54	-56.83	-69.39	-67.99	-77.80
31.25	-65.75	-62.11	-58.39	-66.21	-66.75	-76.02
62.5	-61.97	-62.86	-54.05	-60.02	-63.03	-68.19
100.	-56.74	-53.72	-55.25	-59.21	-73.56	-64.94
150.	-61.40	-55.10	-56.82	-60.36	-60.11	-62.72
155.	-58.71	-52.23	-58.85	-62.55	-61.83	-63.06
200.	-60.21	-61.26	-68.89	-62.87	-58.89	-64.70
250.	-66.15	-64.20	-67.66	-66.84	-58.38	-64.05



FEXT (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

FEXT Near End (dB)						
Frequency	Green - Blue	Green - Orange	Green - Brown	Brown - Blue	Brown - Orange	Brown - Green
0.772	-79.28	-91.46	-98.93	-87.99	-100.78	-98.56
1.	-77.23	-92.04	-98.93	-86.84	-98.22	-96.96
4.	-68.82	-78.38	-84.48	-73.21	-96.79	-85.26
8.	-64.69	-71.30	-80.93	-65.90	-92.17	-79.99
10.	-63.48	-69.62	-76.87	-62.94	-88.63	-77.55
16.	-61.40	-67.42	-78.06	-58.78	-80.17	-76.06
20.	-60.31	-65.36	-80.68	-57.22	-79.25	-76.86
25.	-59.46	-64.36	-82.27	-56.67	-76.84	-86.00
31.25	-59.20	-63.84	-83.07	-58.41	-74.33	-80.80
62.5	-58.82	-64.17	-67.27	-54.36	-65.81	-59.88
100.	-60.35	-94.72	-74.82	-54.71	-62.68	-59.17
150.	-58.62	-61.99	-71.19	-56.78	-69.12	-67.59
155.	-59.83	-62.56	-71.37	-58.79	-65.86	-68.78
200.	-60.33	-56.62	-72.90	-64.87	-60.55	-62.57
250.	-63.34	-63.61	-82.42	-66.30	-59.95	-64.98



ELFEXT/ACRF (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel		
Part No		Length(m)	100.
Test Started	11/30/2010 3:01:18 PM	Temperature	23 °C
Description	3 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies

ELFEXT/ACRF Near End (dB)						
Frequency	Blue - Orange	Blue - Green	Blue - Brown	Orange - Blue	Orange - Green	Orange - Brown
0.772	-79.94	-77.44	-86.10	-78.77	-89.31	-93.45
1.	-78.07	-75.90	-83.43	-77.59	-86.71	-96.70
4.	-65.94	-65.24	-70.45	-65.94	-74.14	-92.07
8.	-60.21	-59.81	-60.75	-59.76	-67.30	-79.93
10.	-58.97	-57.47	-57.74	-58.91	-64.21	-79.68
16.	-57.89	-53.00	-51.84	-57.58	-60.08	-74.58
20.	-59.89	-51.12	-49.34	-58.66	-58.62	-72.01
25.	-61.86	-50.26	-47.83	-60.07	-58.71	-68.81
31.25	-55.45	-51.67	-48.24	-55.72	-56.30	-65.88
62.5	-47.10	-47.77	-39.43	-44.90	-47.94	-53.57
100.	-37.64	-34.29	-36.50	-39.75	-54.13	-46.19
150.	-37.71	-30.87	-33.58	-36.17	-35.88	-39.47
155.	-34.45	-27.63	-35.10	-37.98	-37.23	-39.31
200.	-32.68	-32.86	-41.74	-34.30	-30.49	-37.55
250.	-34.70	-32.21	-37.14	-35.01	-26.39	-33.53



ELFEXT/ACRF (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

ELFEXT/ACRF Near End (dB)						
Frequency	Green - Blue	Green - Orange	Green - Brown	Brown - Blue	Brown - Orange	Brown - Green
0.772	-77.71	-89.97	-97.45	-86.42	-99.29	-97.00
1.	-75.43	-90.32	-97.22	-85.04	-96.50	-95.18
4.	-65.20	-74.86	-81.01	-69.59	-93.28	-81.65
8.	-59.53	-66.28	-75.96	-60.74	-87.14	-74.85
10.	-57.68	-63.99	-71.29	-57.14	-82.99	-71.78
16.	-54.02	-60.23	-70.95	-51.40	-72.98	-68.72
20.	-52.03	-57.28	-72.70	-48.94	-71.16	-68.60
25.	-50.13	-55.24	-73.28	-47.35	-67.72	-76.71
31.25	-48.71	-53.54	-72.93	-47.93	-64.03	-70.35
62.5	-43.70	-49.29	-52.65	-39.24	-50.94	-44.79
100.	-40.89	-75.61	-56.08	-35.25	-43.57	-39.74
150.	-34.43	-38.30	-47.94	-32.59	-45.43	-43.36
155.	-35.26	-38.30	-47.62	-34.23	-41.60	-44.18
200.	-31.75	-29.09	-45.75	-36.30	-33.02	-34.17
250.	-31.51	-32.16	-51.90	-34.47	-28.50	-33.00



Power Sum ELFEXT/PSACRF (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

PS ELFEXT/PSACRF Near End (dB)				
Frequency	Blue	Orange	Green	Brown
0.772	-75.08	-78.29	-77.36	-85.84
1.	-73.34	-77.09	-75.23	-84.44
4.	-61.84	-65.42	-64.65	-69.45
8.	-55.35	-59.15	-58.61	-60.76
10.	-53.11	-57.90	-56.61	-57.19
16.	-48.63	-55.76	-53.01	-51.56
20.	-46.71	-55.71	-50.84	-49.17
25.	-45.53	-56.25	-48.94	-47.63
31.25	-45.84	-52.91	-47.46	-48.14
62.5	-37.81	-42.96	-42.17	-38.43
100.	-30.83	-38.95	-40.76	-34.15
150.	-28.10	-32.46	-32.58	-32.96
155.	-26.07	-33.42	-33.18	-33.91
200.	-28.80	-29.15	-26.60	-30.39
250.	-29.17	-25.43	-28.45	-27.54



Return Loss (Near End)

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

Return Loss (dB)				
Frequency	Blue	Orange	Green	Brown
0.772	-62.57	-40.43	-43.70	-40.67
1.	-43.70	-34.78	-35.52	-34.63
4.	-35.68	-36.56	-36.76	-37.22
8.	-42.80	-36.71	-38.28	-30.29
10.	-42.00	-36.36	-43.88	-29.13
16.	-43.53	-40.06	-45.07	-35.63
20.	-50.35	-43.93	-34.11	-34.14
25.	-32.14	-29.08	-52.86	-26.52
31.25	-41.63	-33.92	-55.00	-36.15
62.5	-36.93	-35.34	-54.77	-34.60
100.	-59.67	-39.81	-30.51	-33.00
150.	-31.89	-27.31	-27.54	-42.66
155.	-29.83	-20.17	-40.69	-23.97
200.	-36.36	-29.16	-30.75	-23.98
250.	-29.37	-24.48	-29.96	-43.26



Return Loss (Far End)

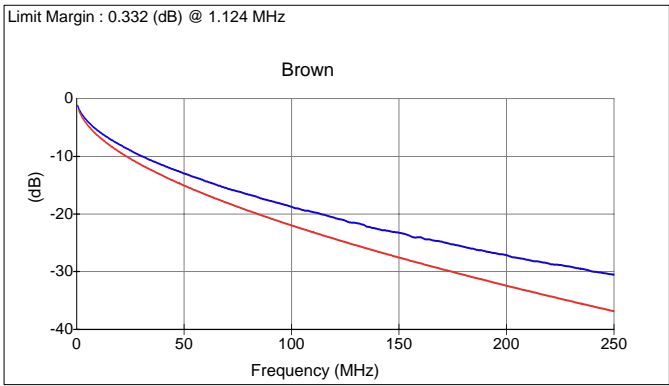
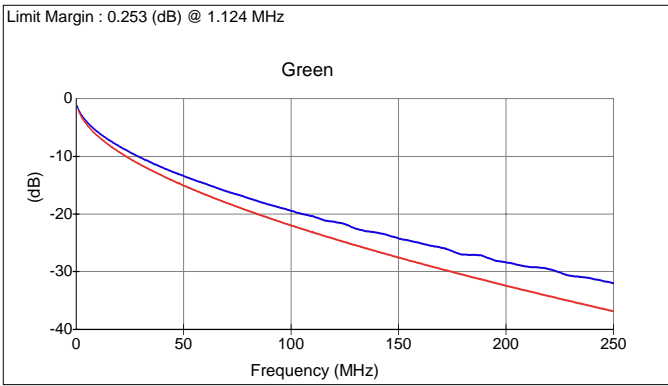
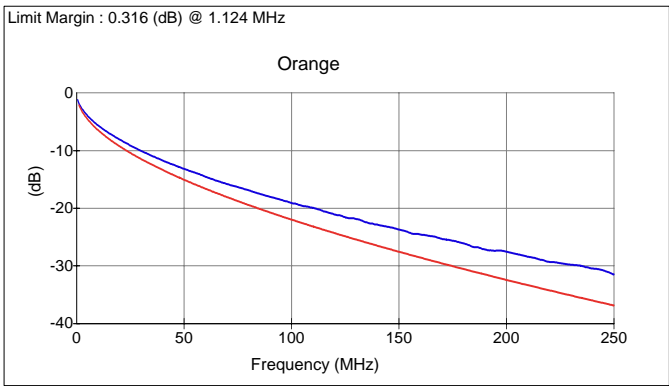
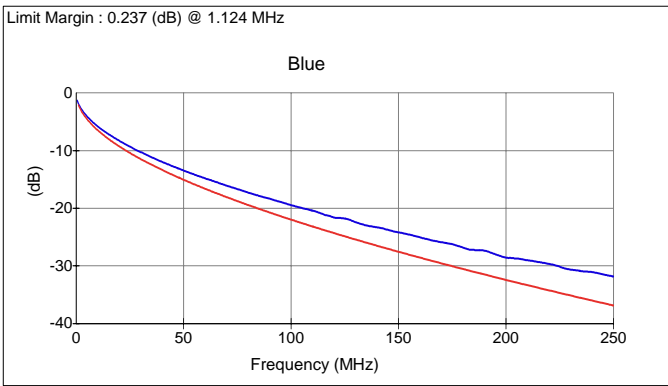
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

Return Loss (dB)				
Frequency	Blue	Orange	Green	Brown
0.772	-43.73	-37.55	-44.94	-36.47
1.	-34.98	-33.36	-36.44	-32.36
4.	-32.65	-33.97	-39.04	-31.46
8.	-33.30	-34.52	-46.80	-30.71
10.	-37.96	-42.33	-50.80	-29.83
16.	-48.15	-42.34	-38.76	-61.35
20.	-56.51	-47.15	-51.18	-37.88
25.	-58.48	-35.77	-29.43	-36.65
31.25	-42.92	-29.59	-33.79	-37.85
62.5	-50.26	-25.97	-32.71	-30.80
100.	-35.59	-27.76	-40.39	-41.55
150.	-24.20	-60.40	-23.47	-61.32
155.	-31.72	-25.58	-23.88	-25.84
200.	-20.28	-27.61	-32.31	-26.66
250.	-18.79	-35.78	-16.07	-26.91



Attenuation (Near End)

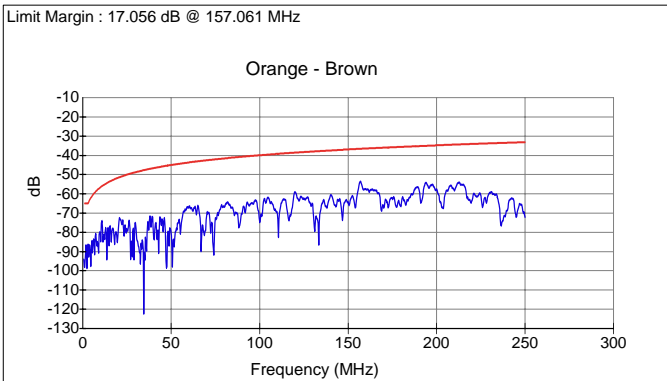
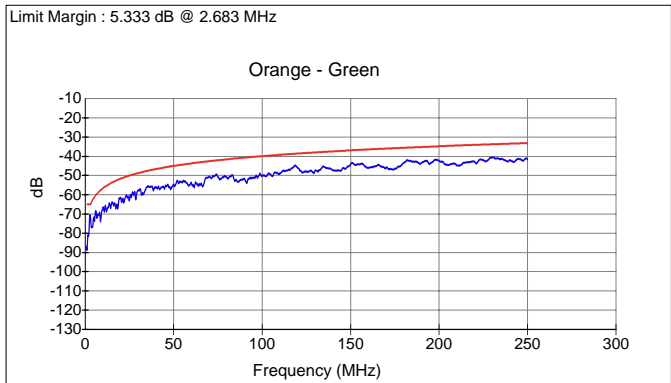
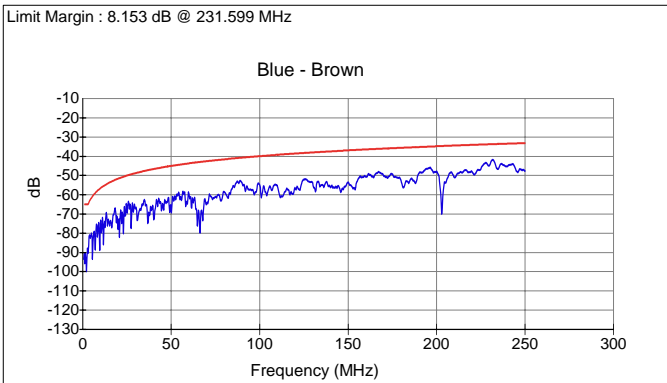
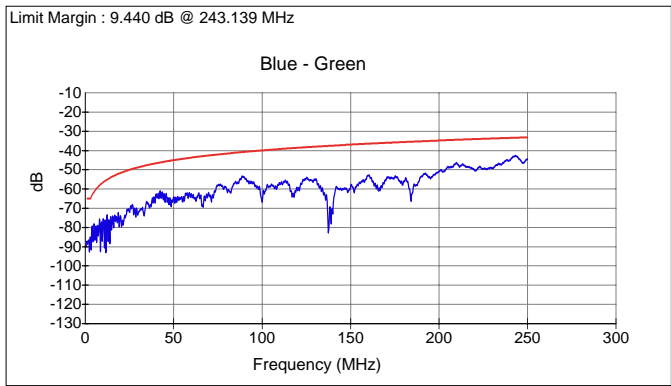
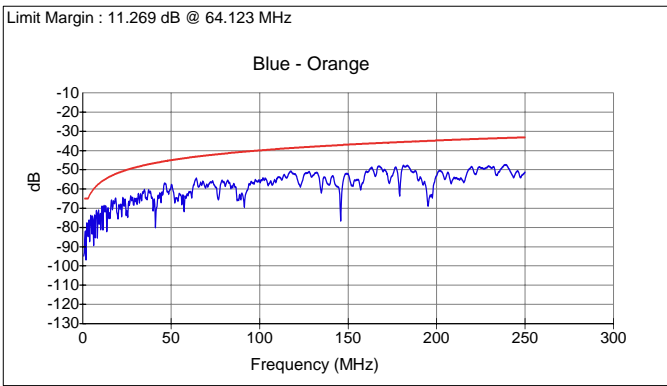
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Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Near End Cross Talk (Near End)

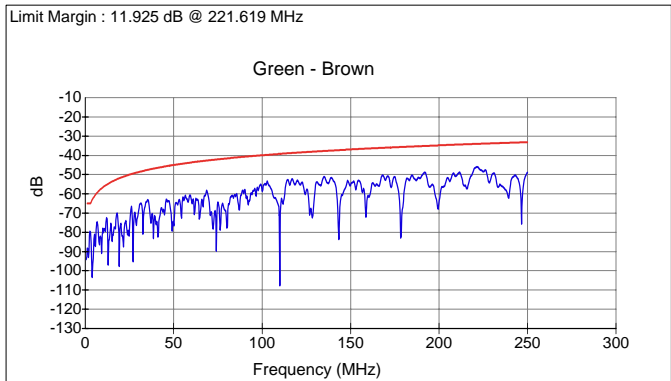
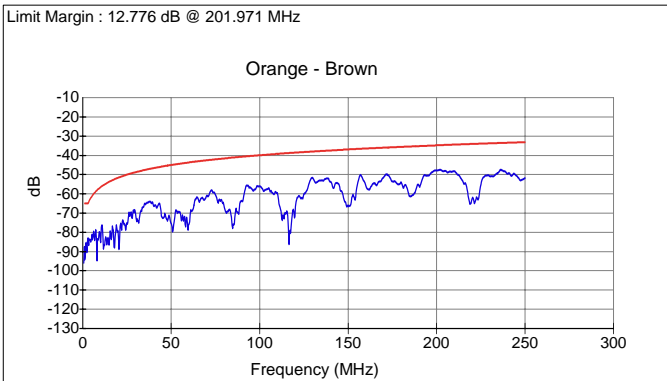
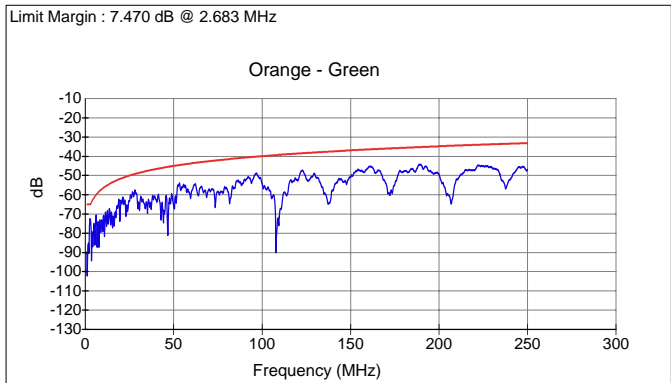
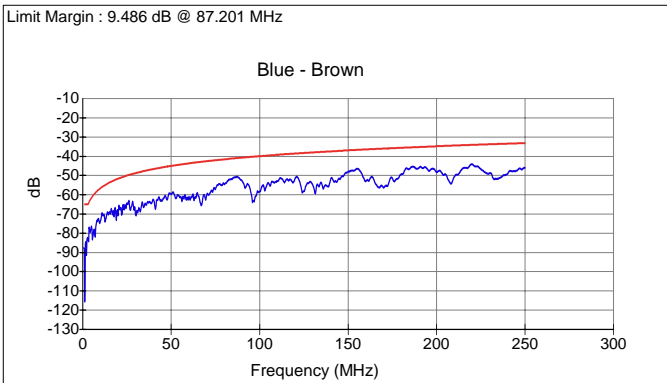
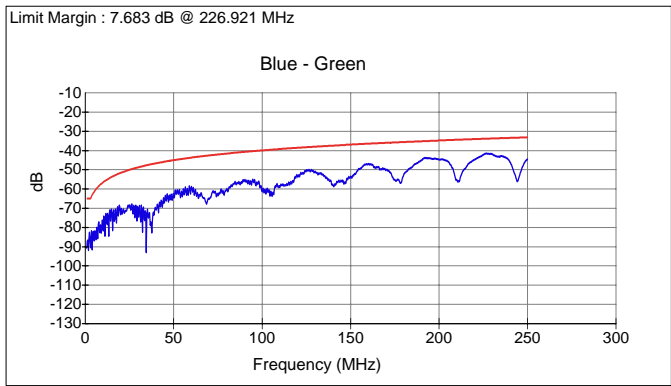
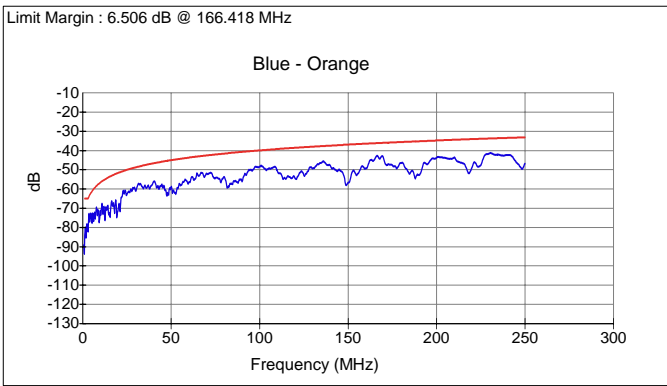
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Near End Cross Talk (Far End)

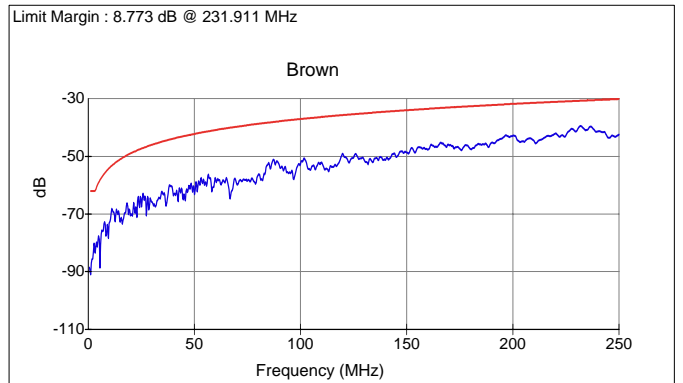
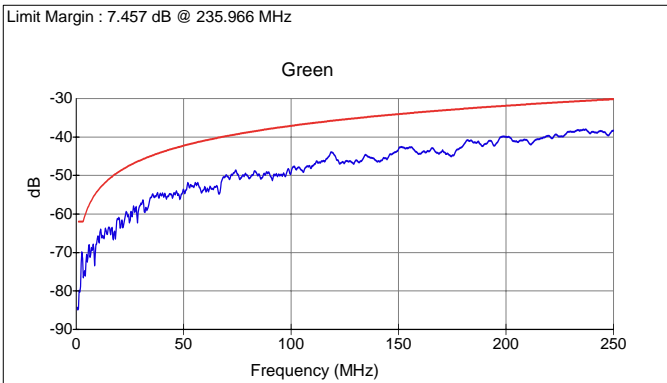
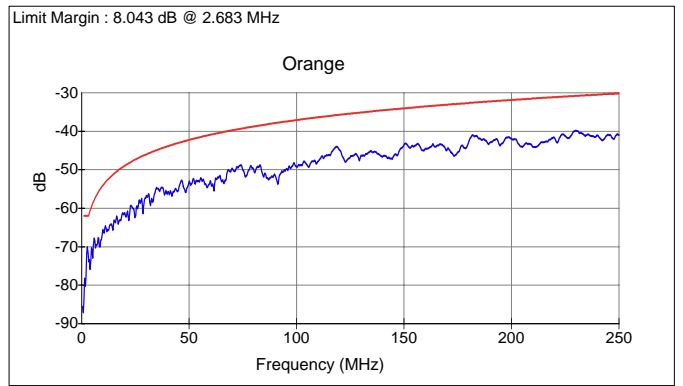
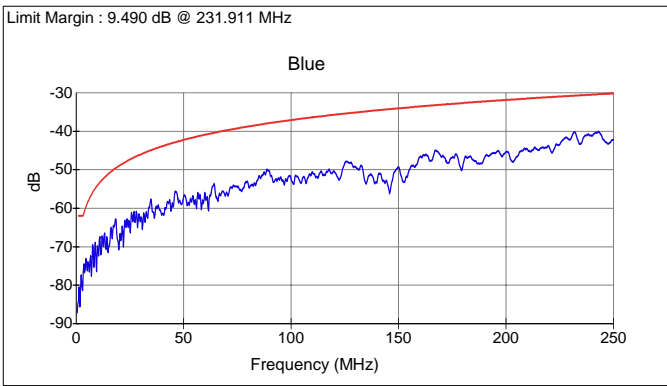
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Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Power Sum NEXT (Near End)

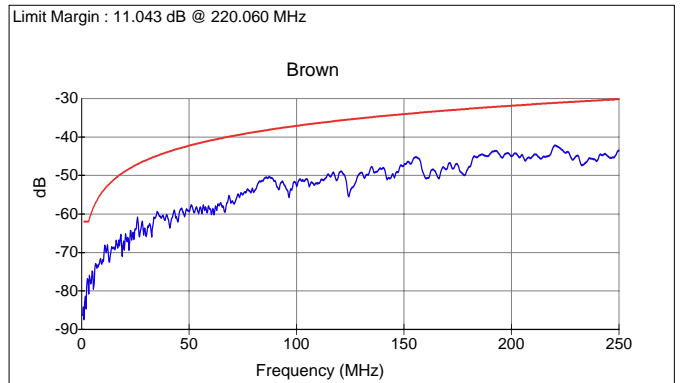
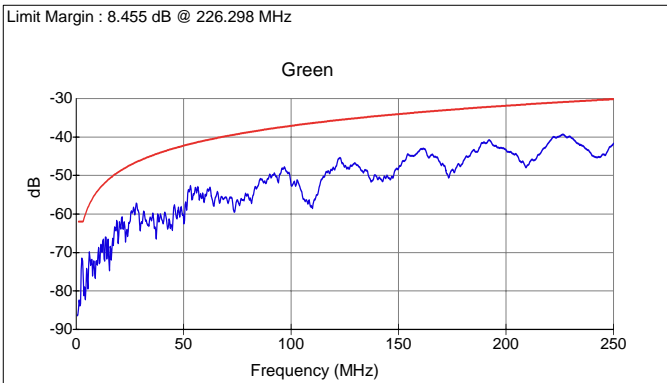
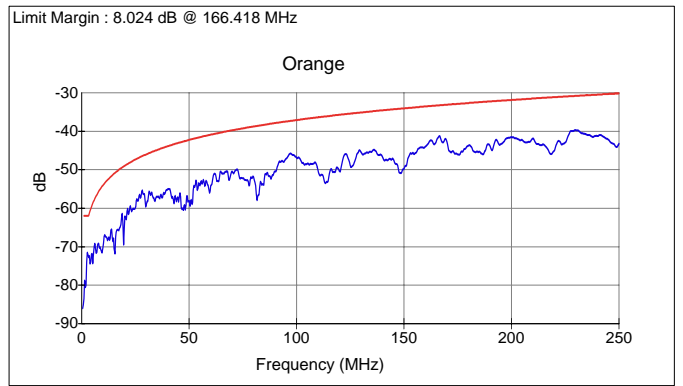
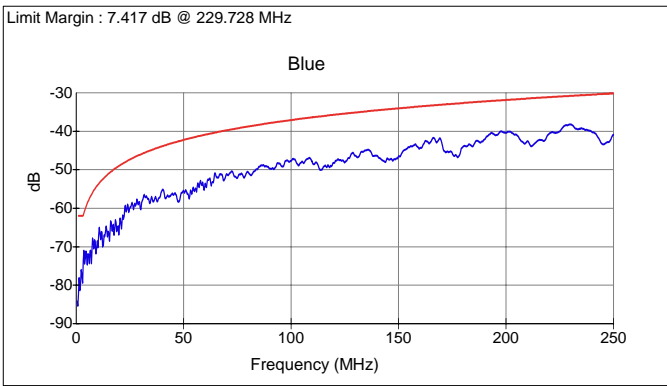
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Power Sum NEXT (Far End)

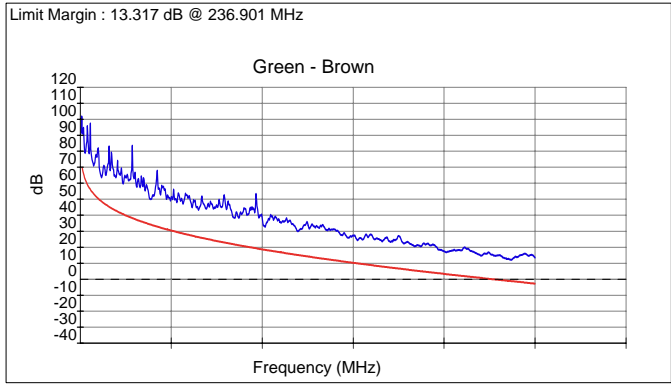
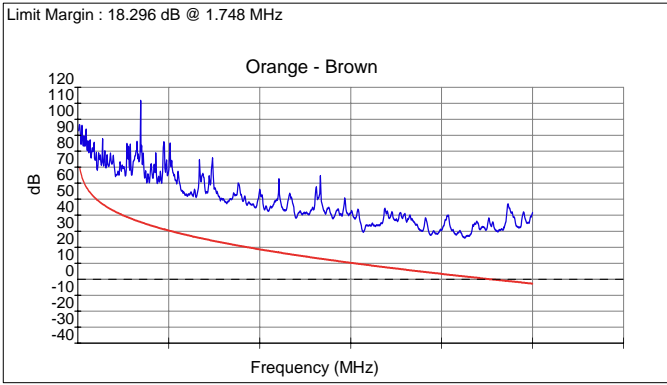
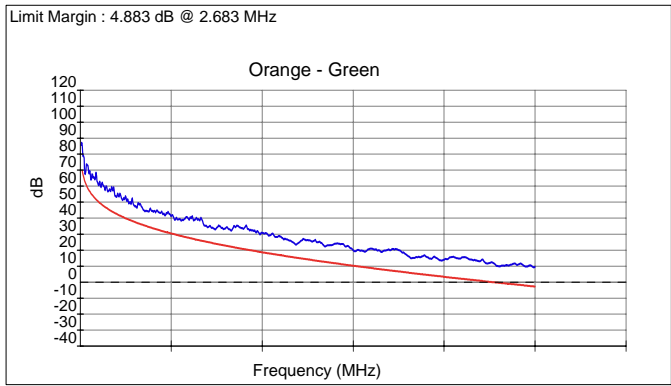
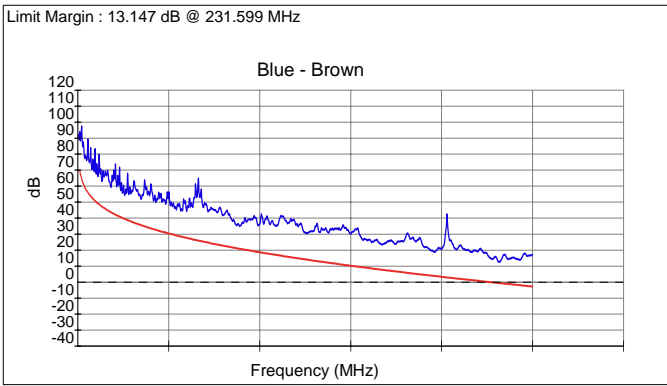
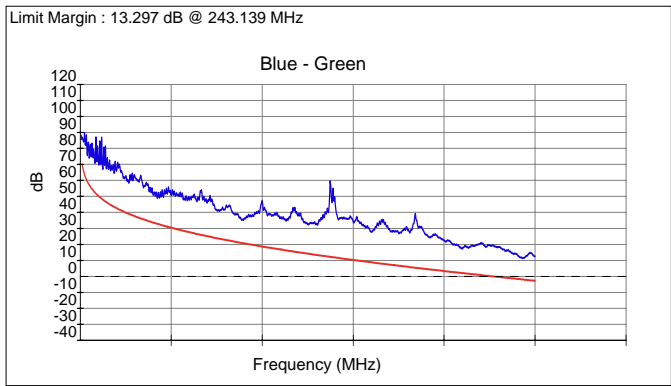
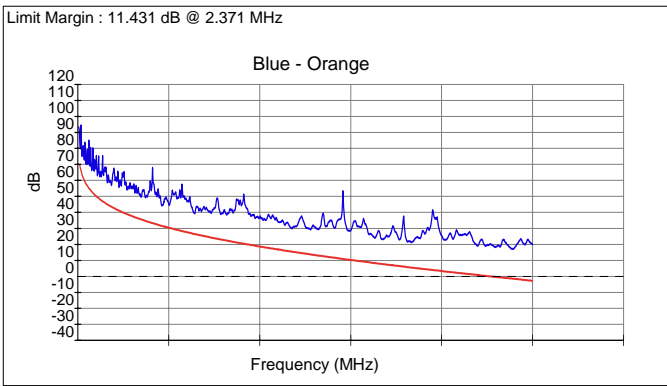
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Attenuation to Cross Talk Ratio (Near End)

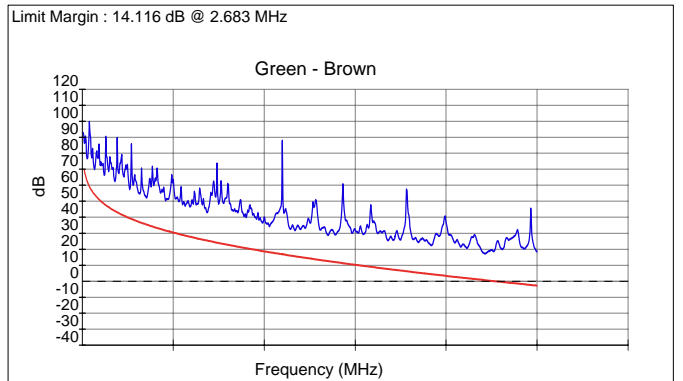
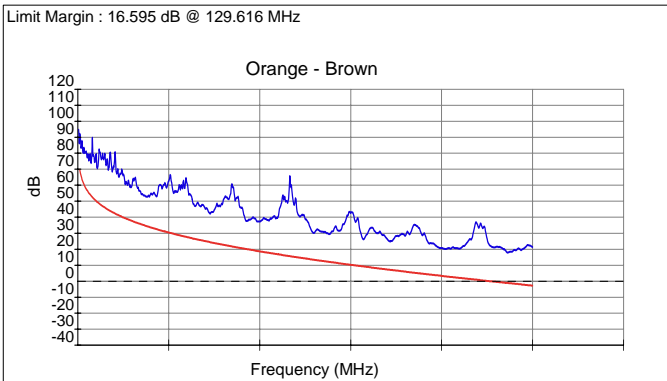
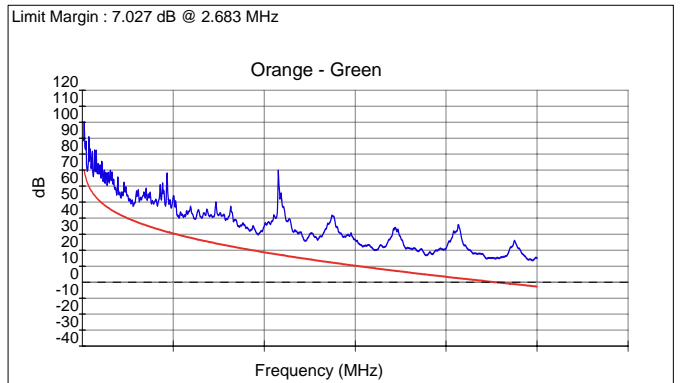
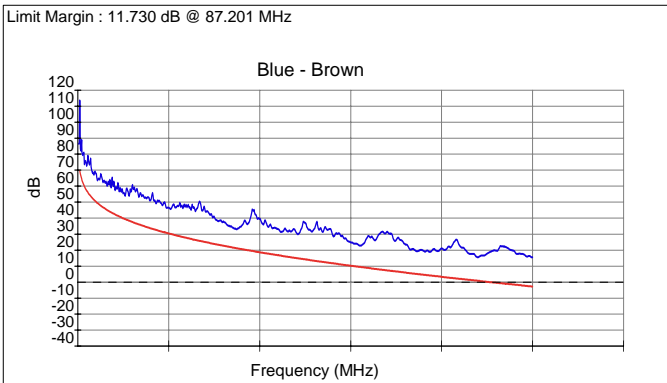
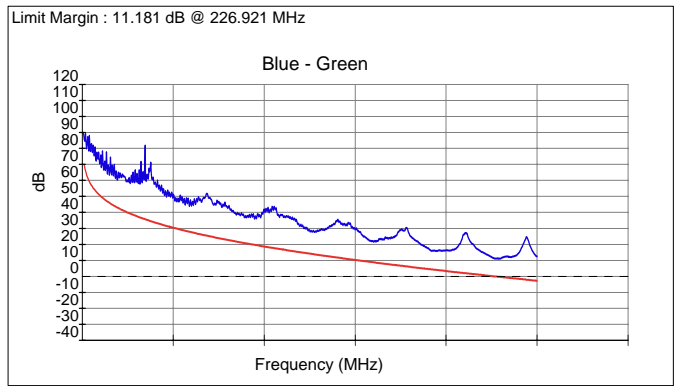
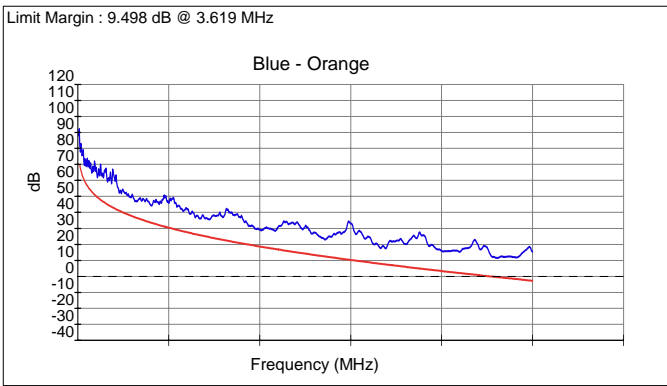
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Attenuation to Cross Talk Ratio (Far End)

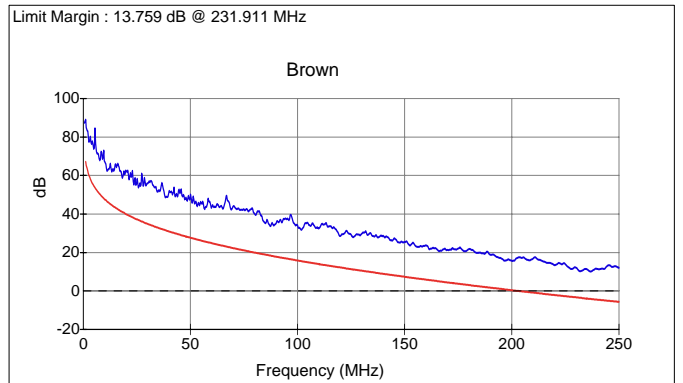
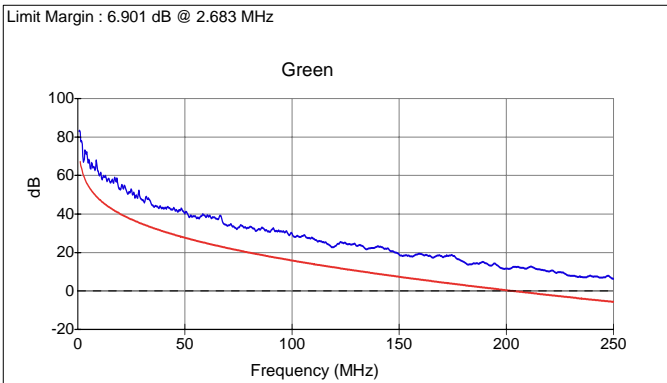
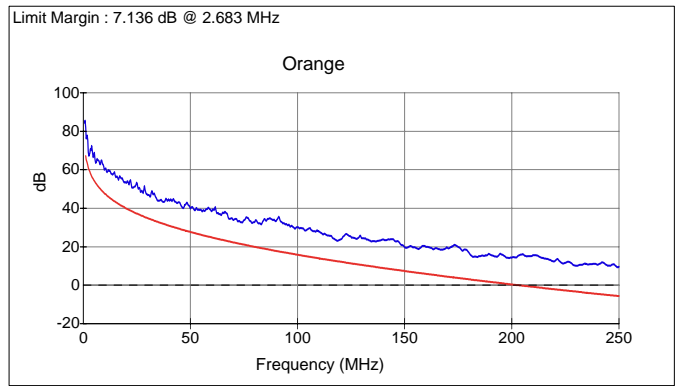
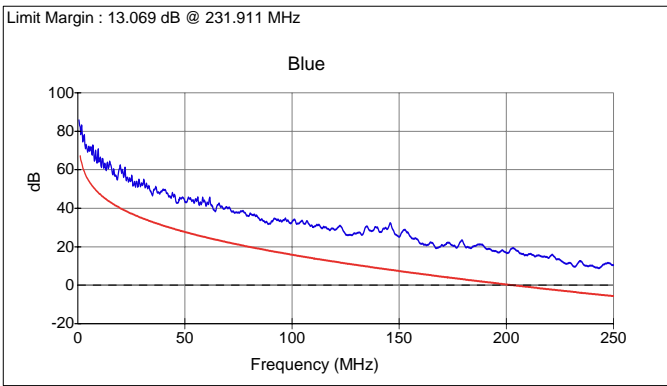
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Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Power Sum ACR (Near End)

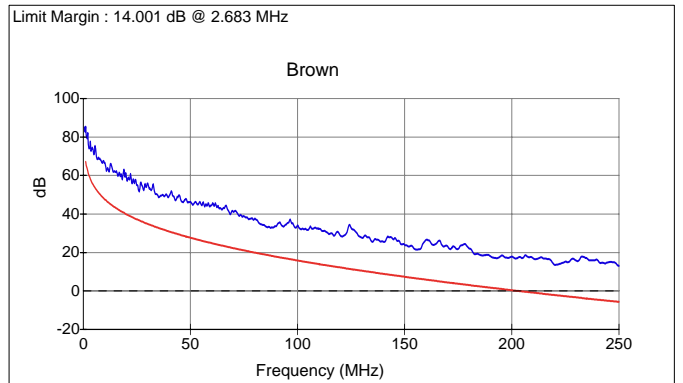
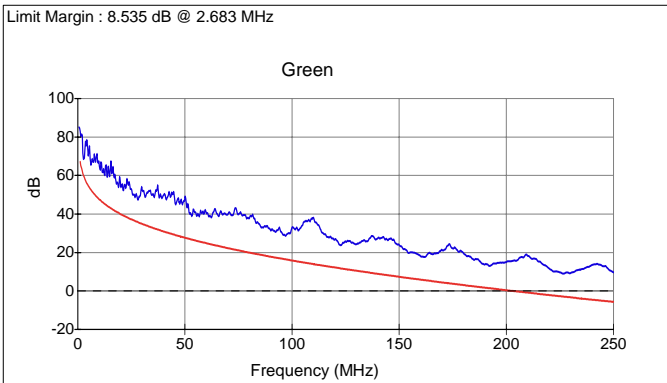
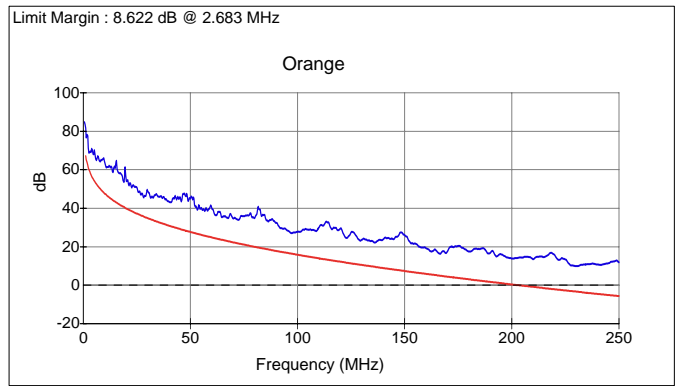
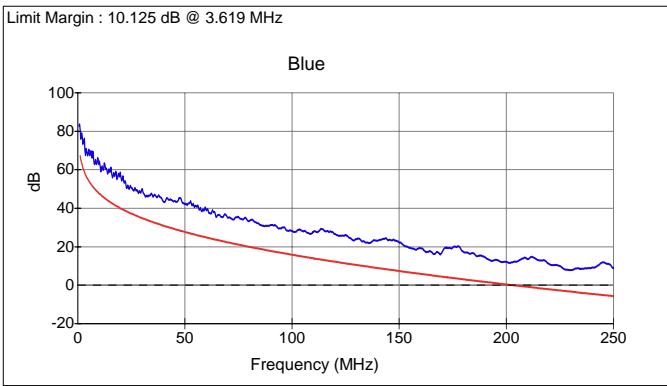
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Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Power Sum ACR (Far End)

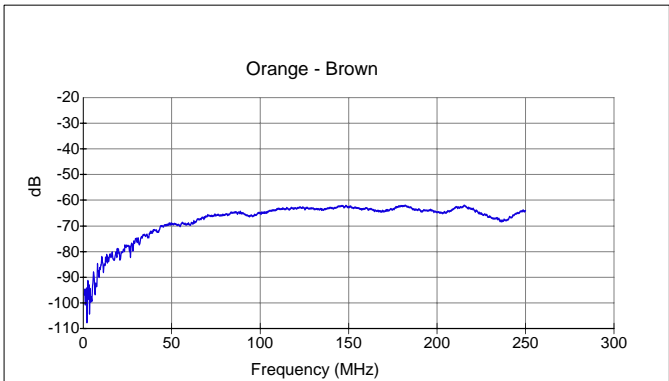
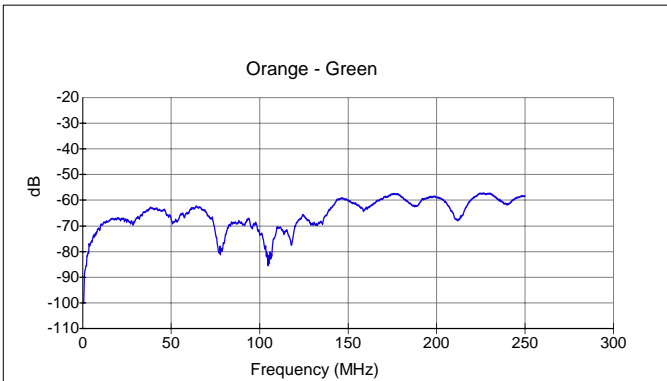
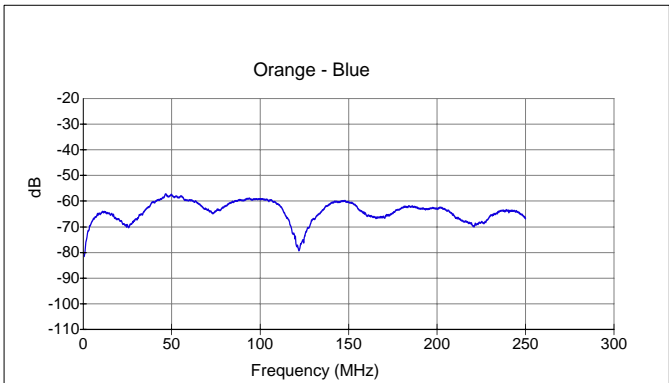
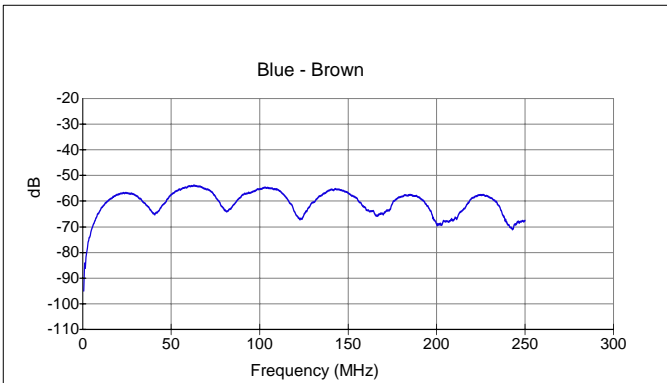
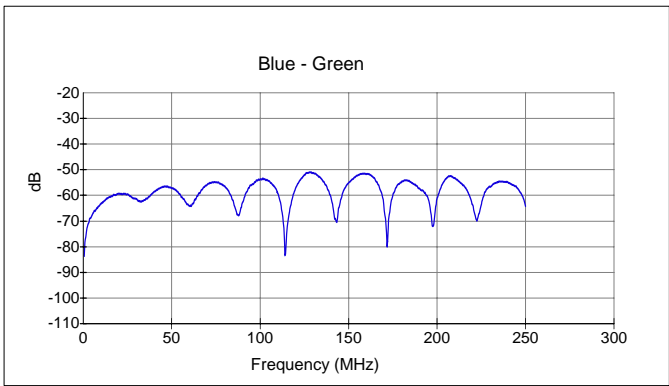
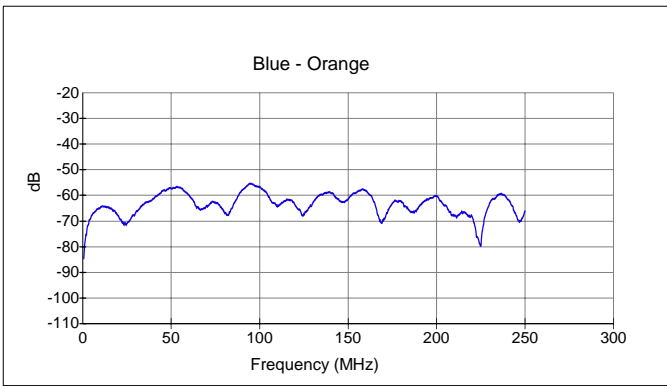
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Far End Cross Talk (Near End)

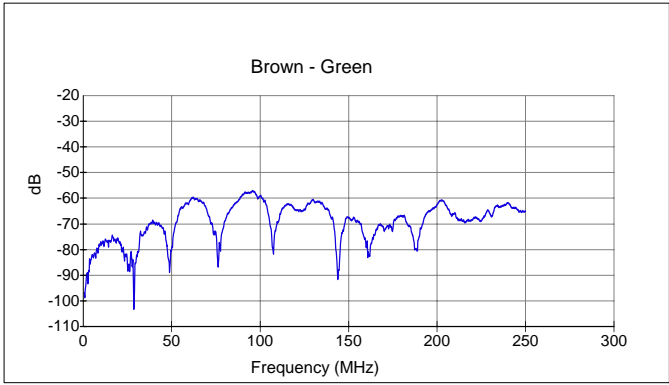
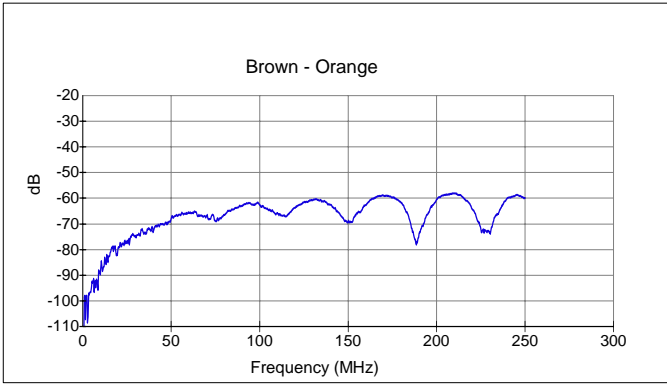
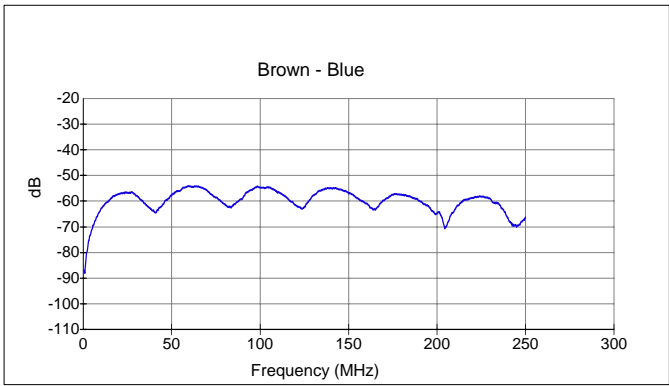
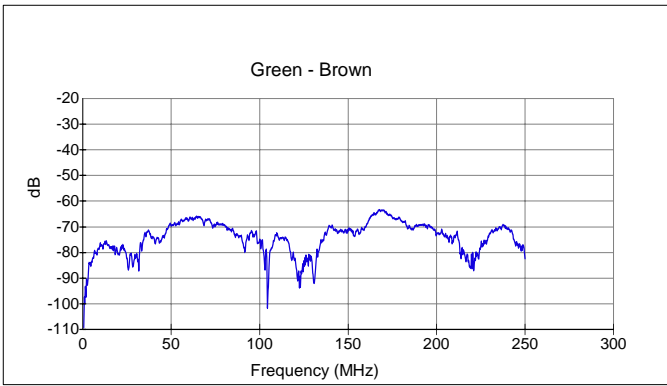
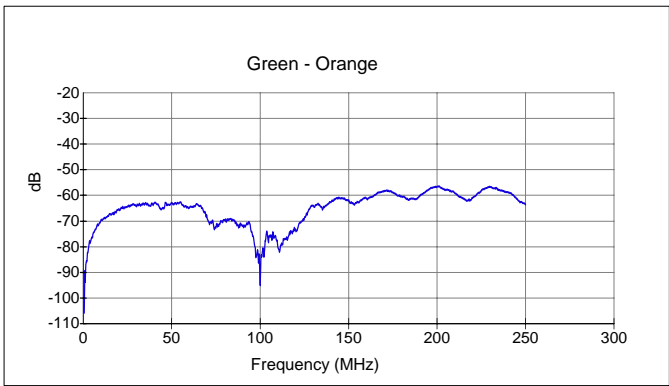
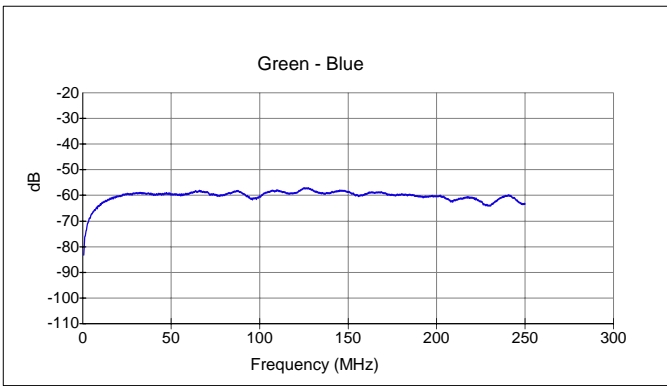
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Far End Cross Talk (Near End)

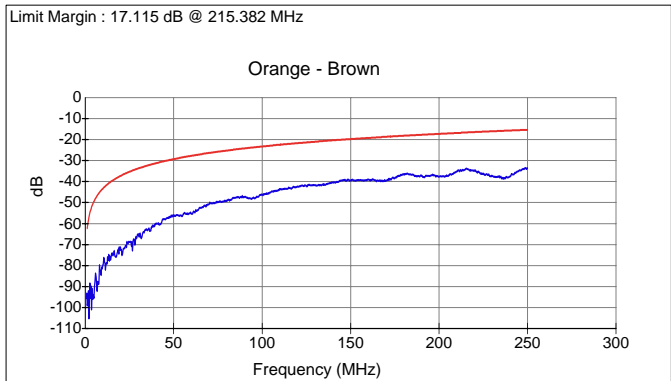
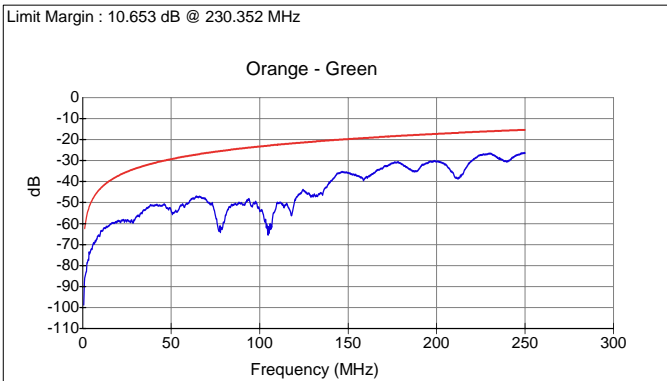
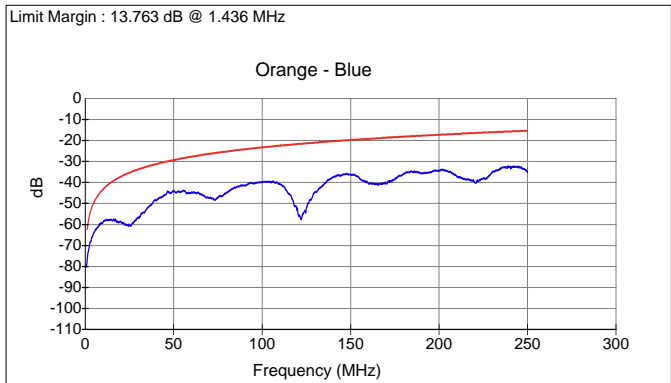
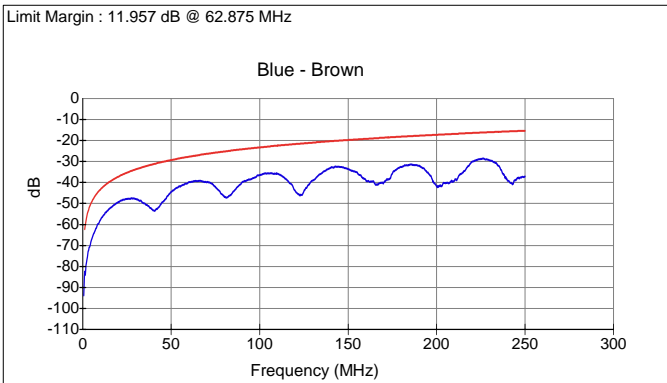
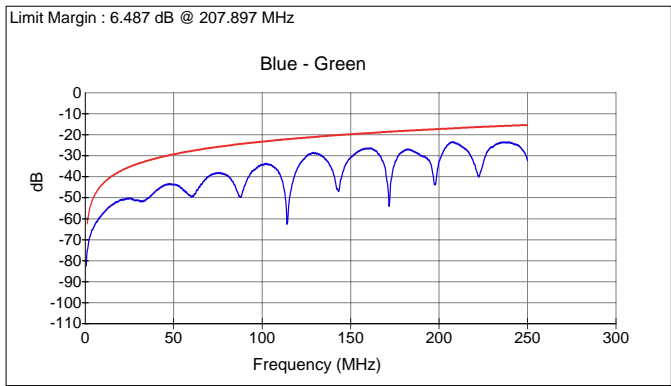
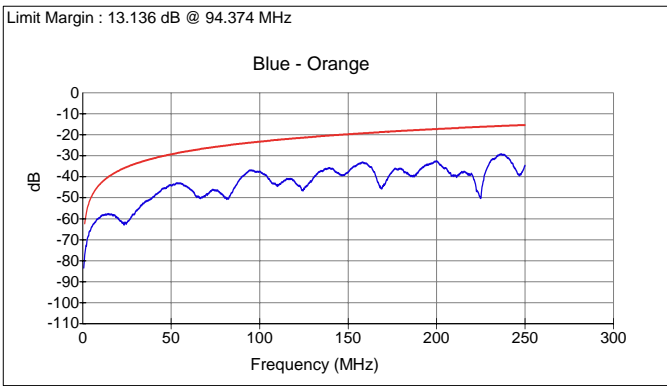
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





ELFEXT/ACRF (Near End)

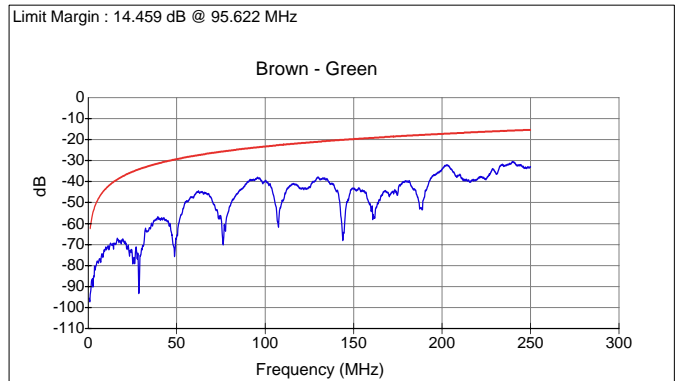
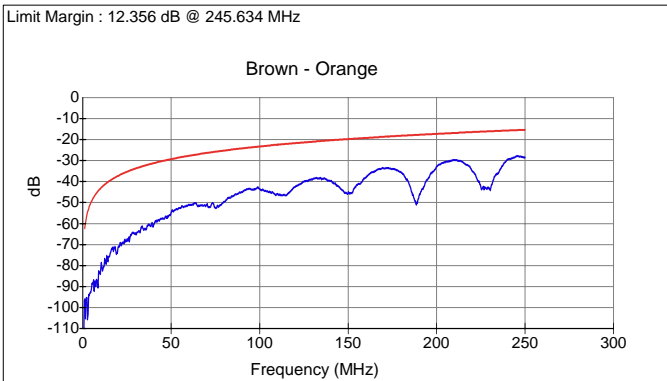
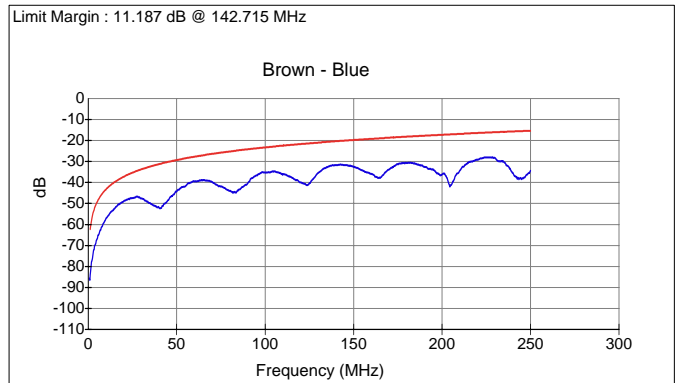
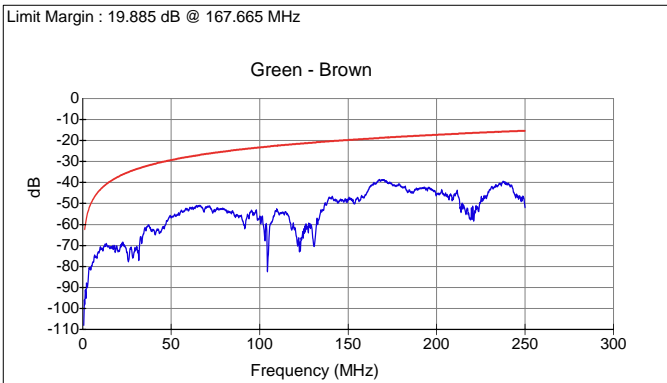
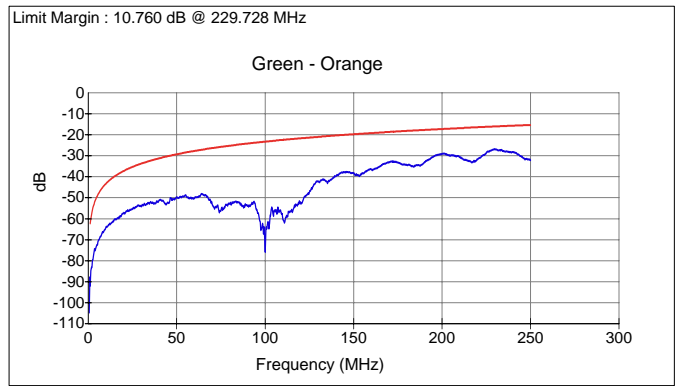
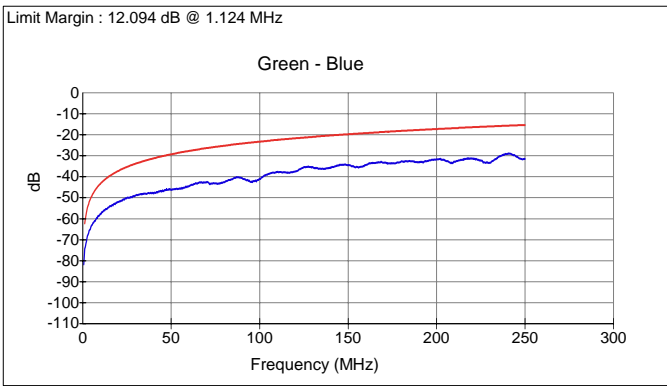
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





ELFEXT/ACRF (Near End)

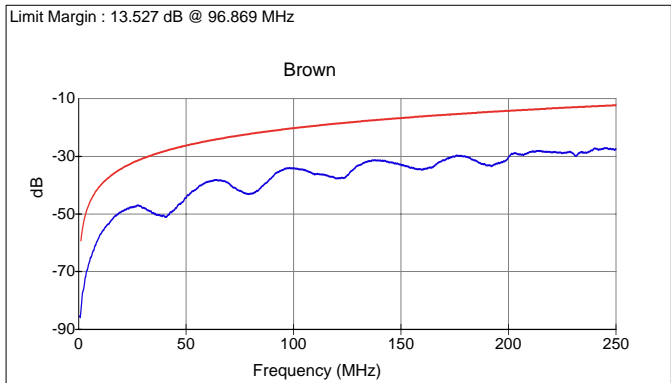
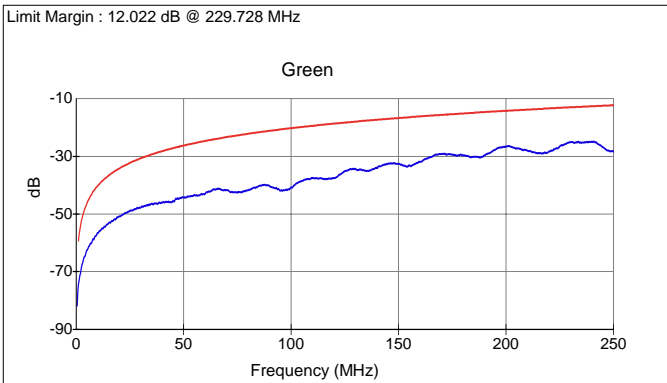
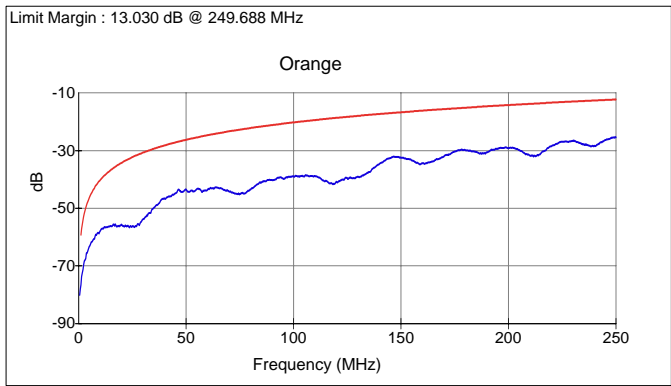
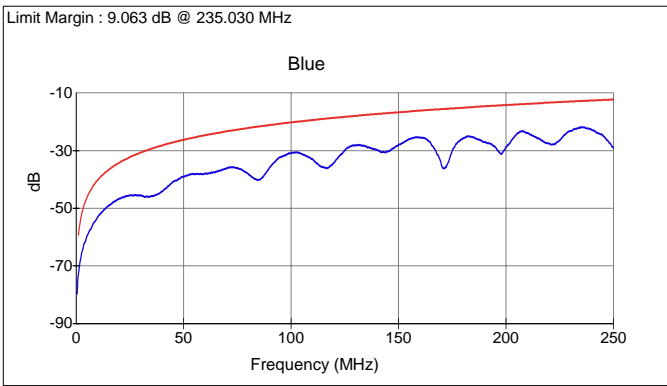
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Power Sum ELFEXT/PSACRF (Near End)

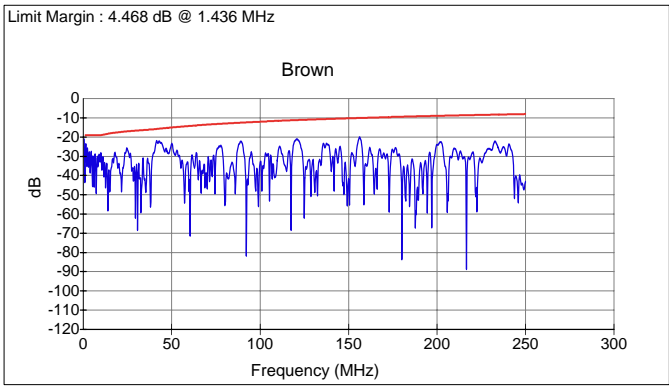
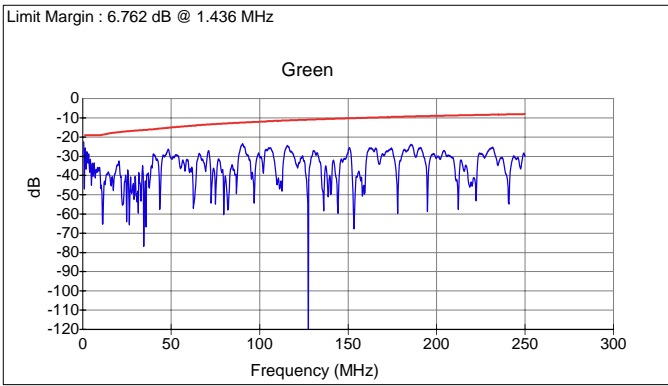
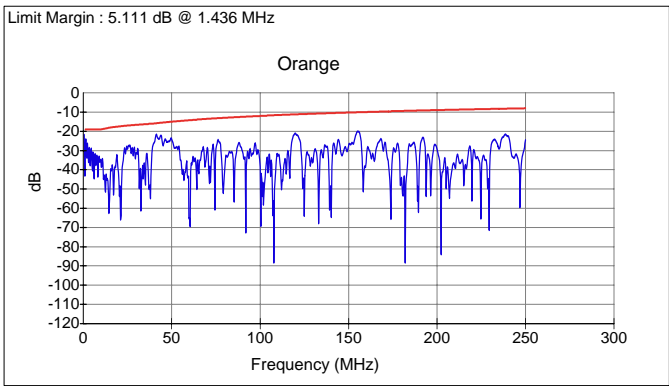
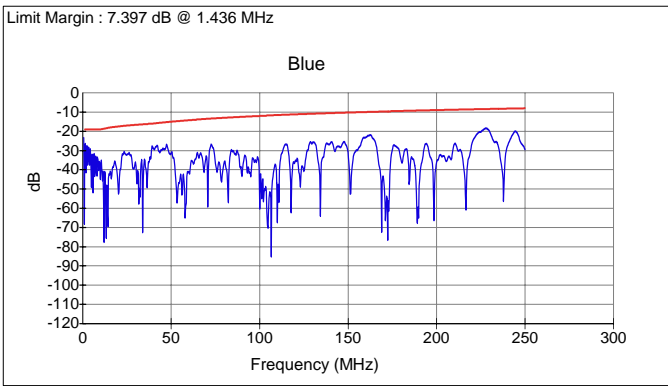
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Return Loss (Near End)

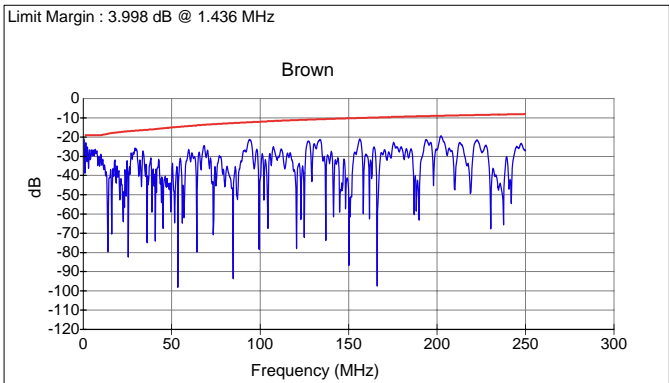
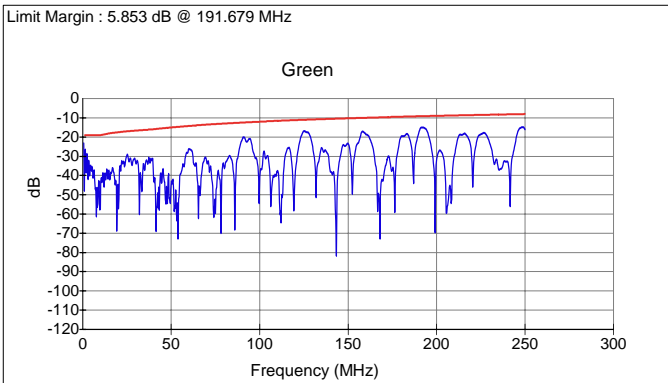
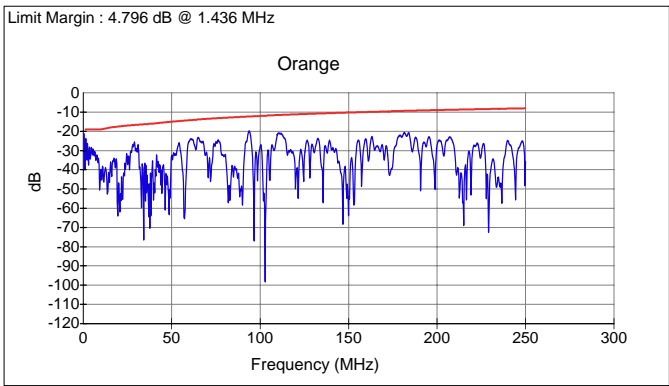
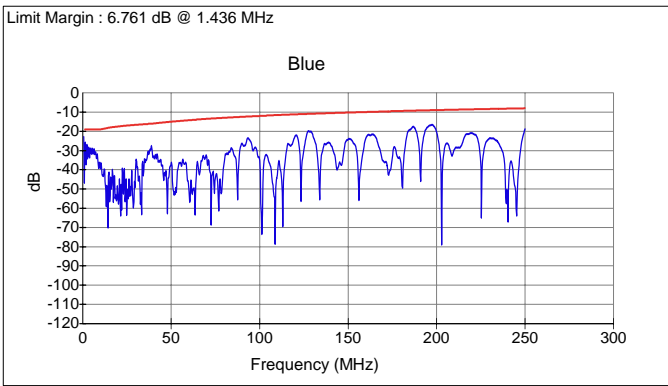
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Return Loss (Far End)

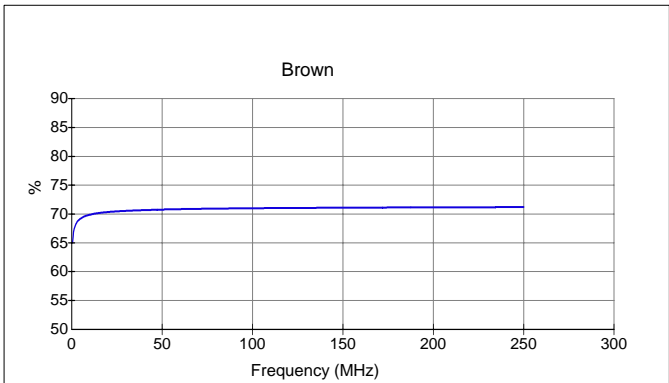
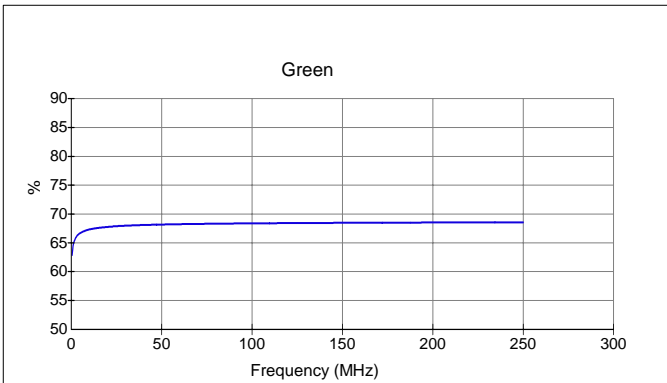
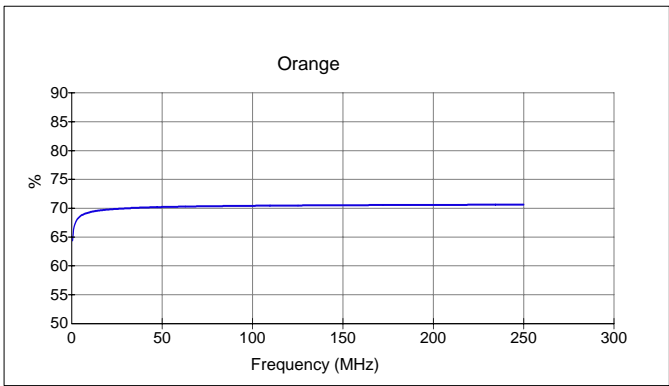
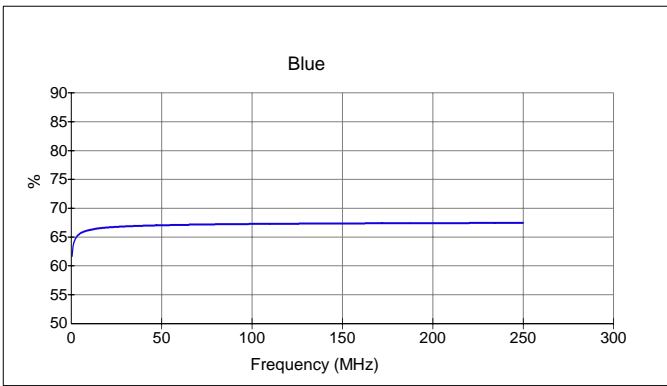
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Propagation Velocity (Near End)

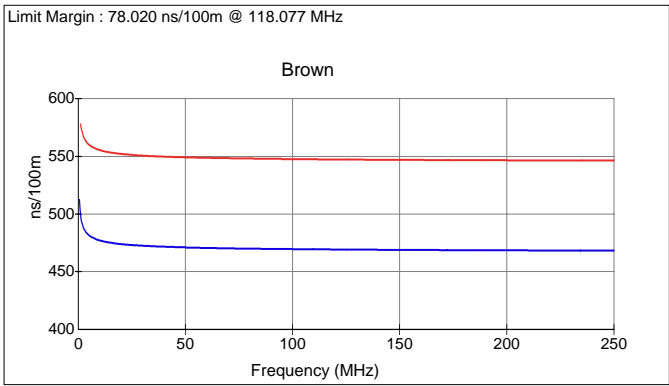
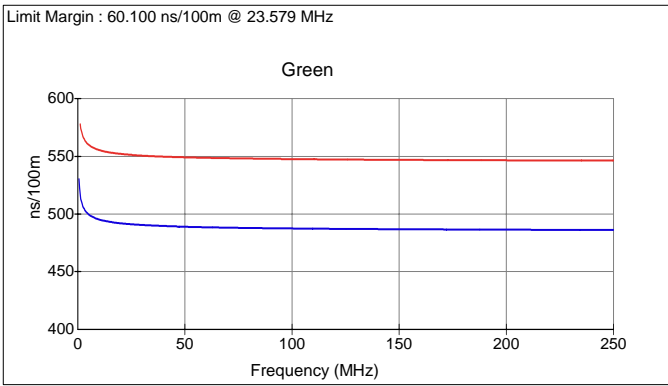
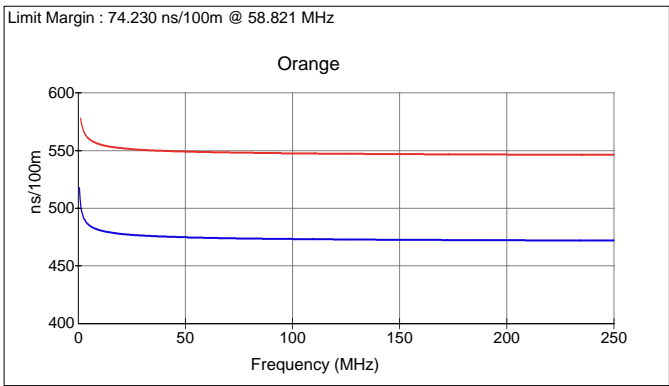
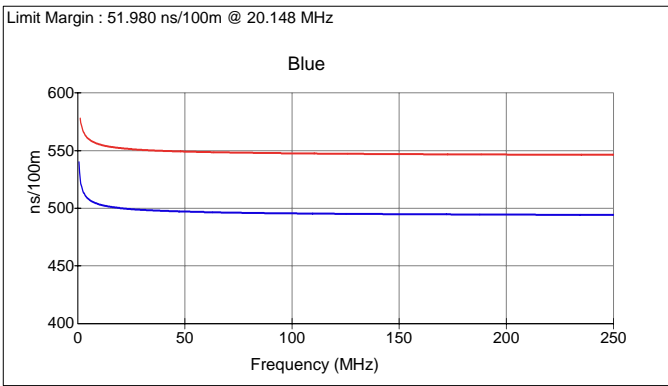
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Propagation Delay (Near End)

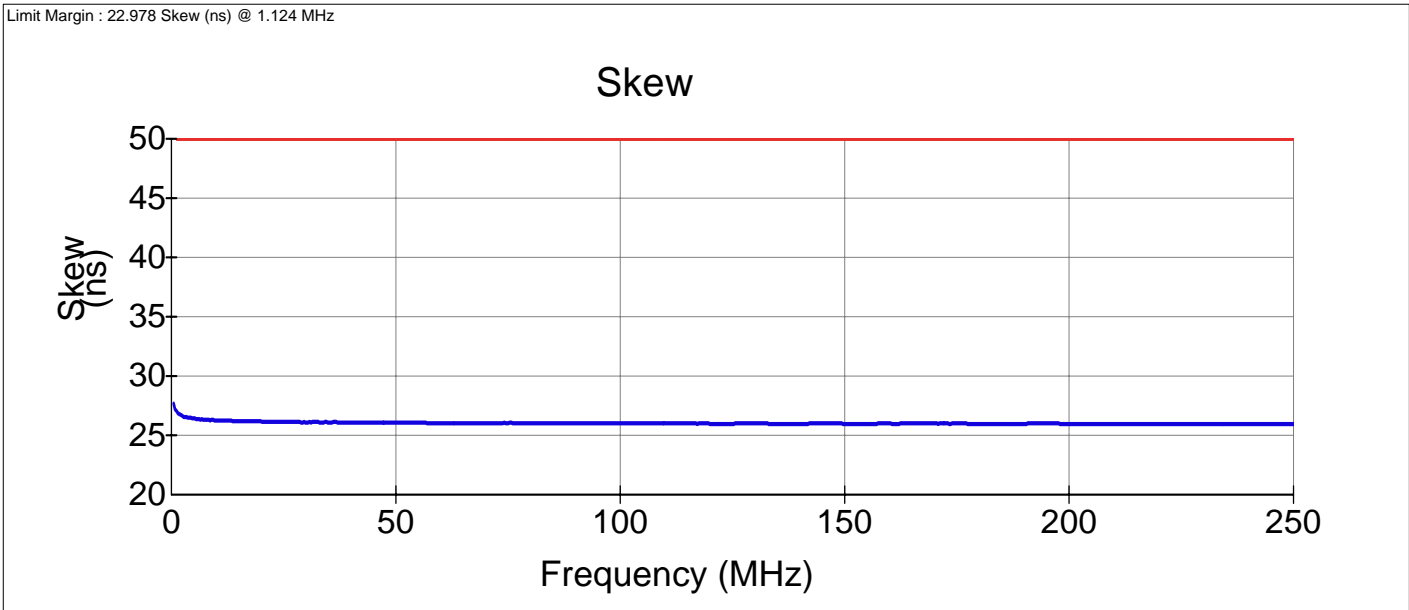
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Delay Skew (Near End)

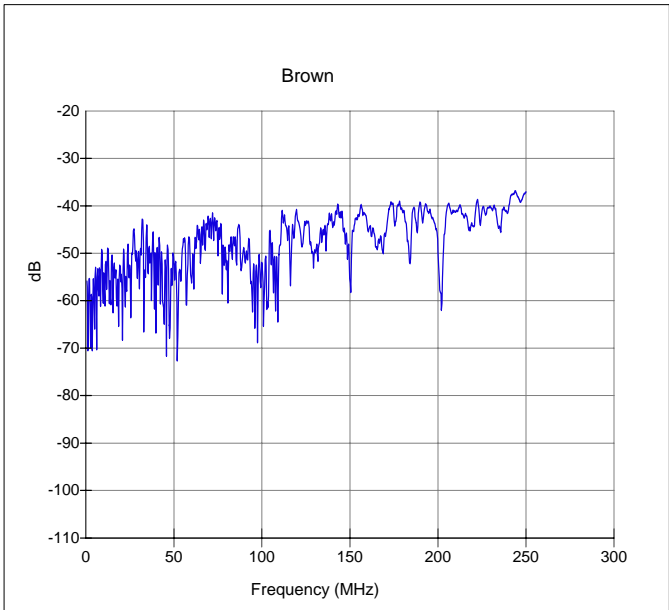
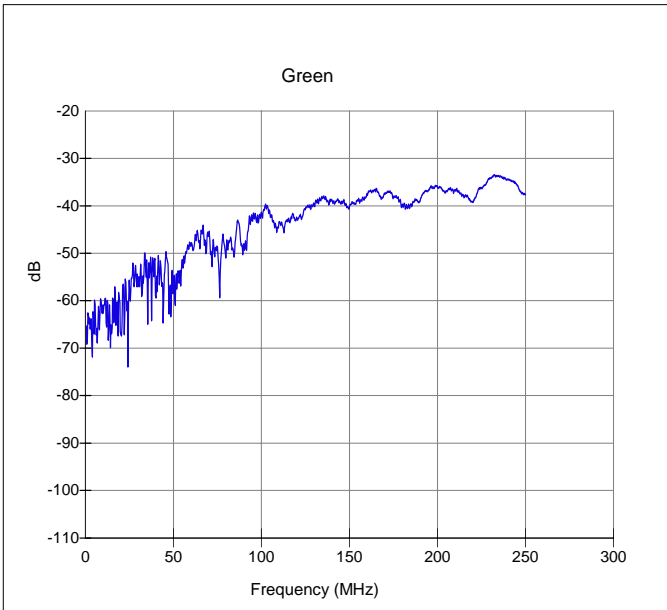
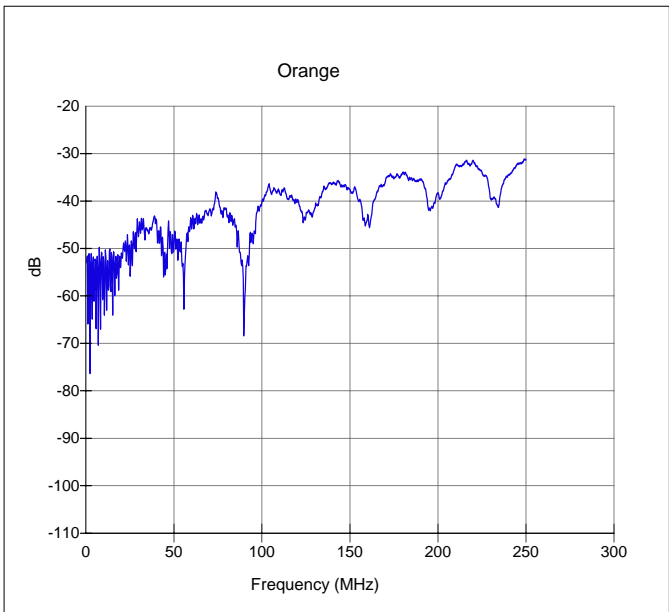
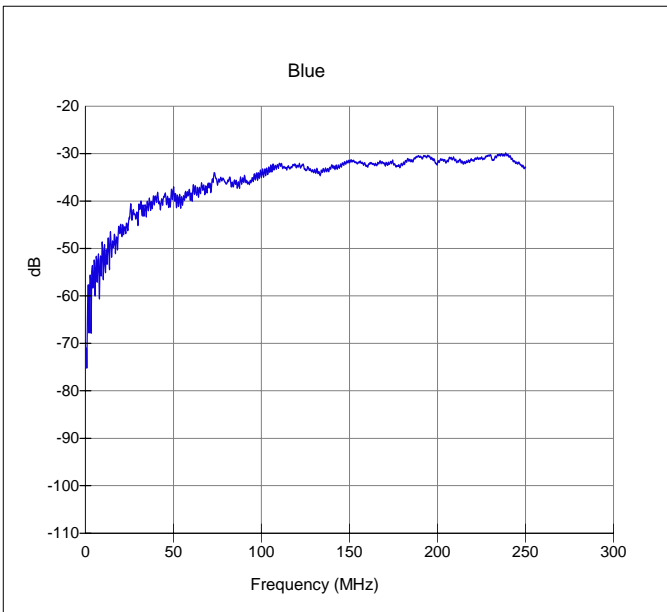
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





TCL Near

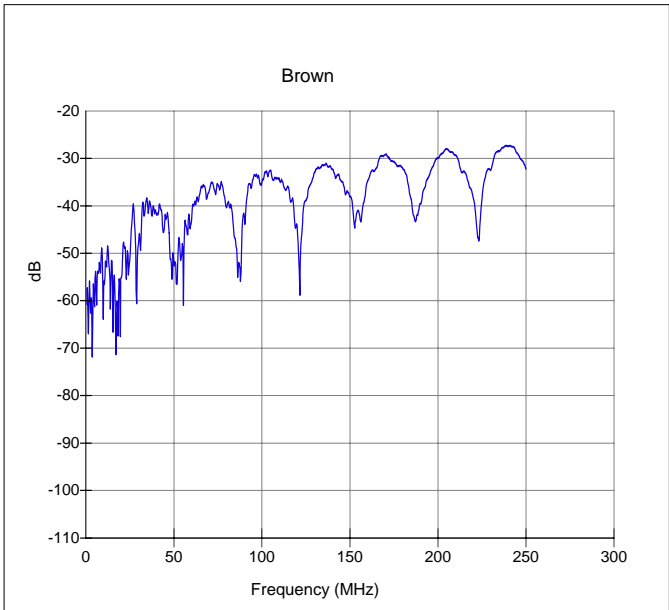
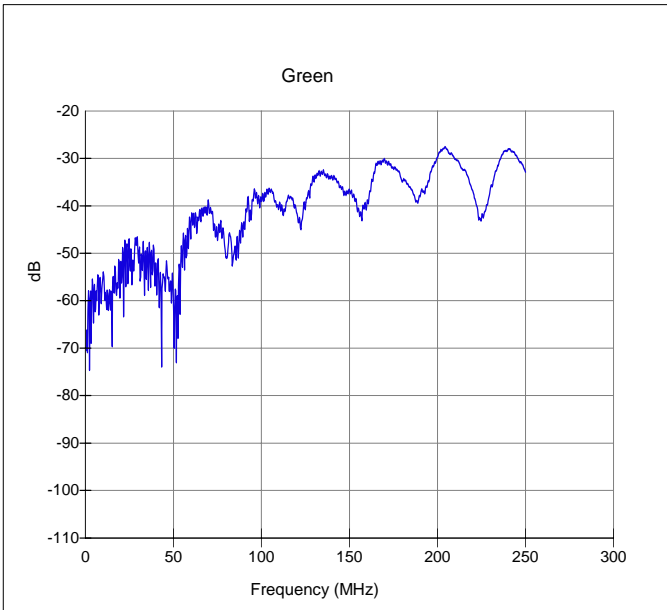
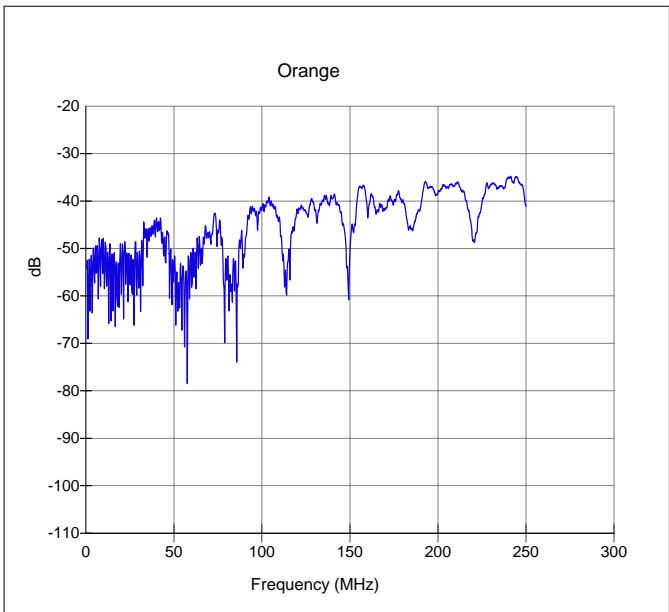
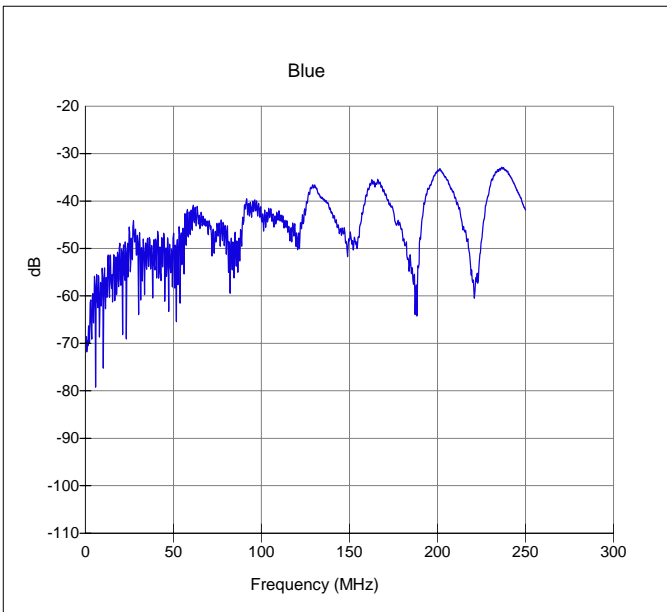
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





TCL Far

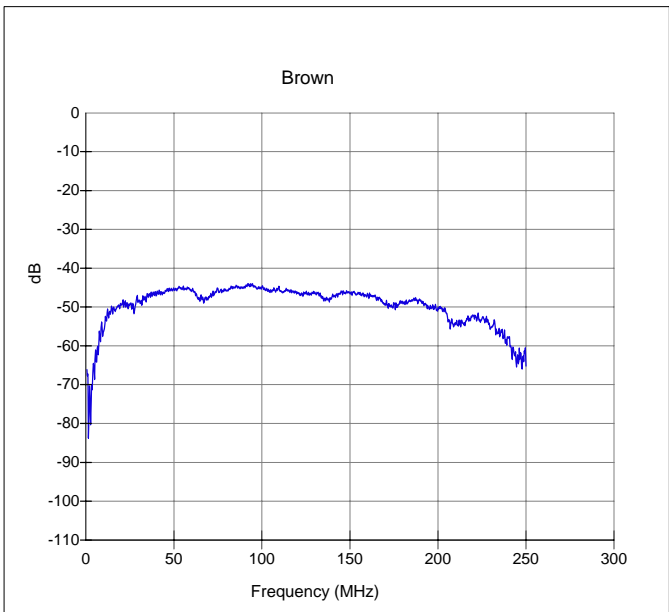
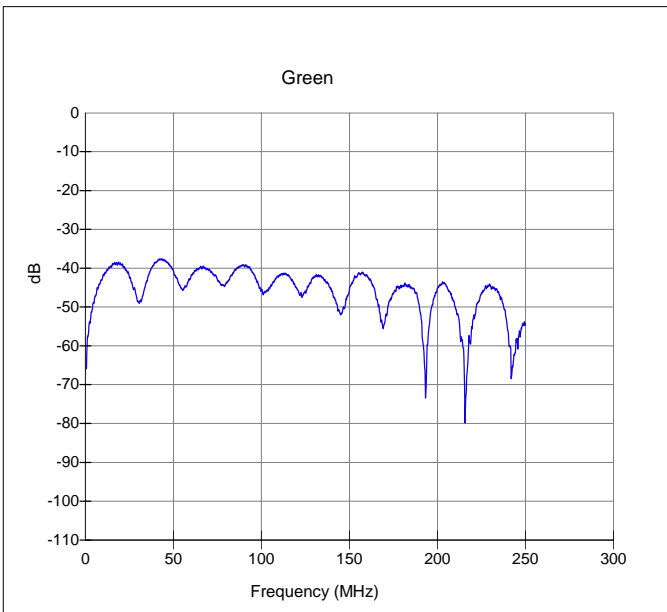
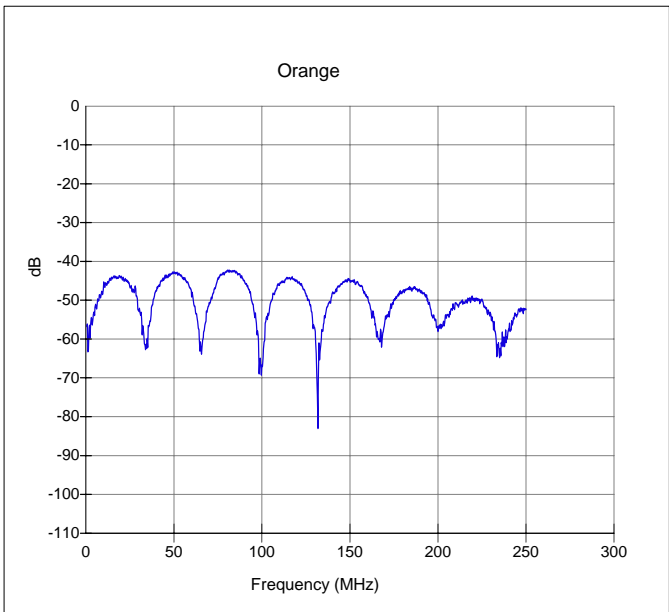
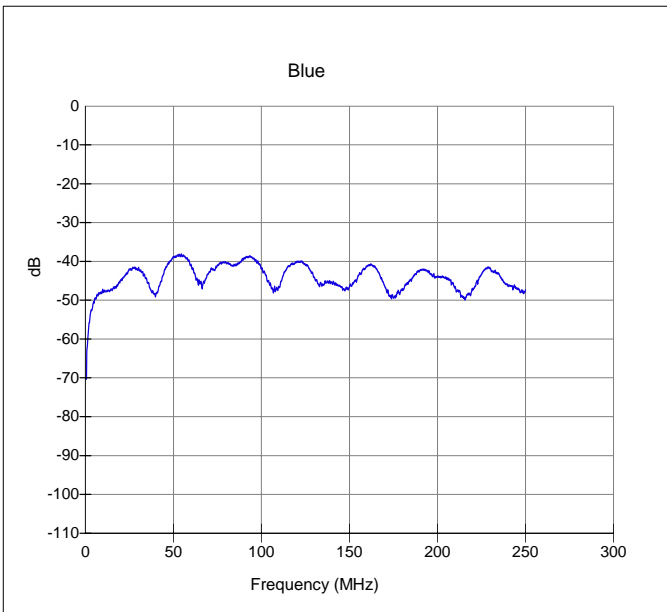
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





TCTL Near

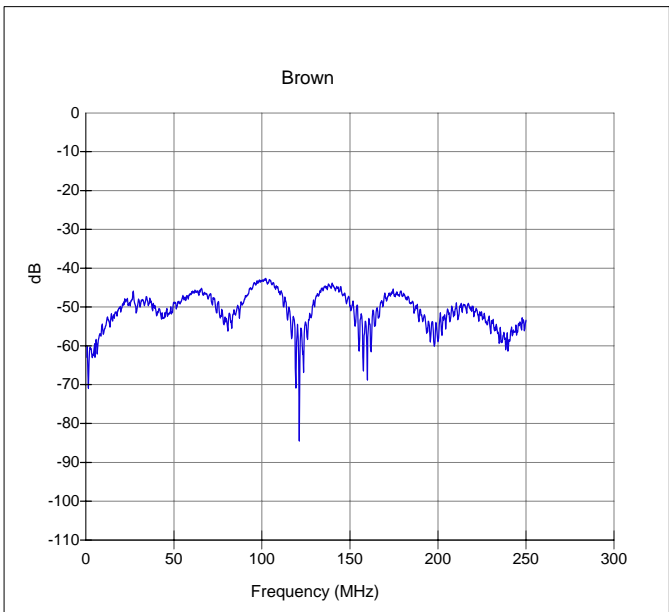
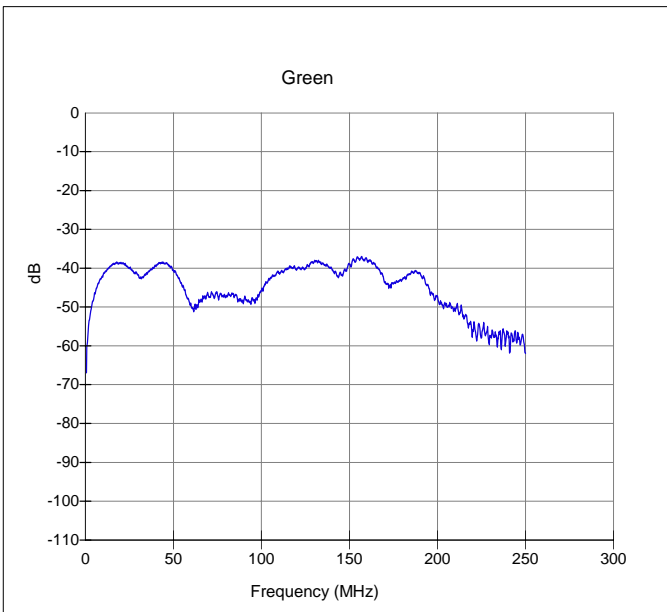
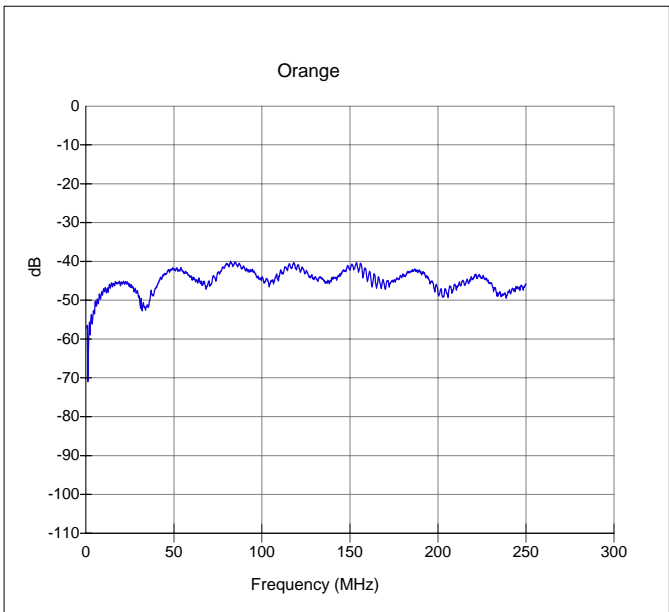
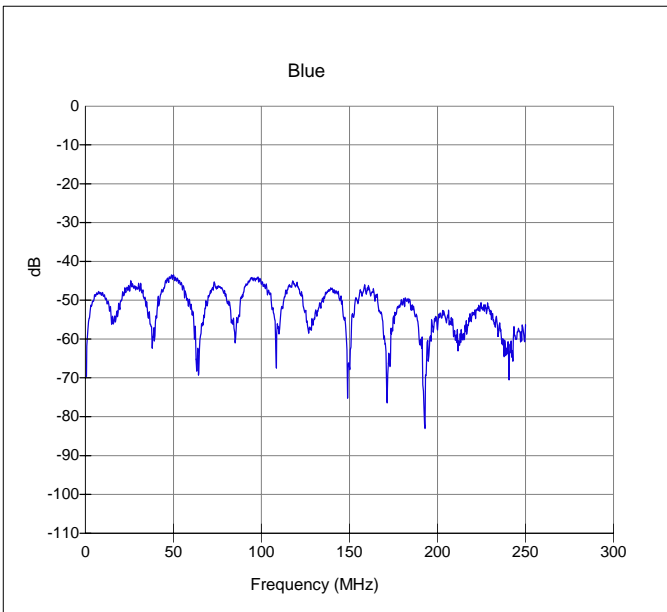
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





TCTL Far

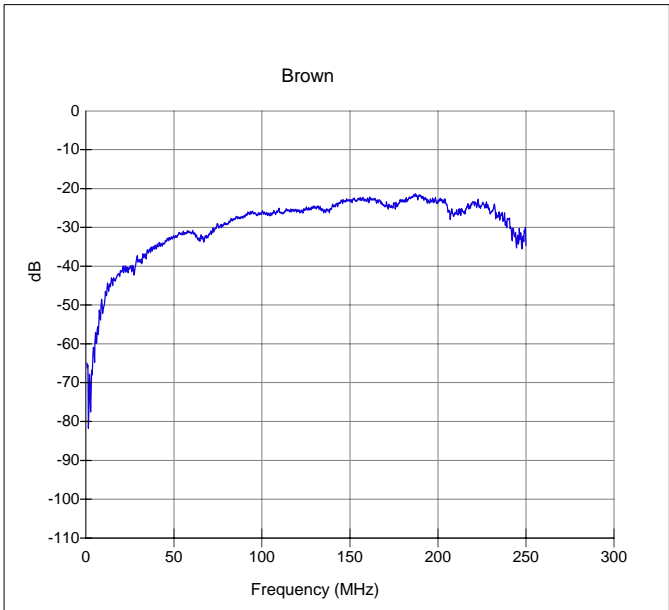
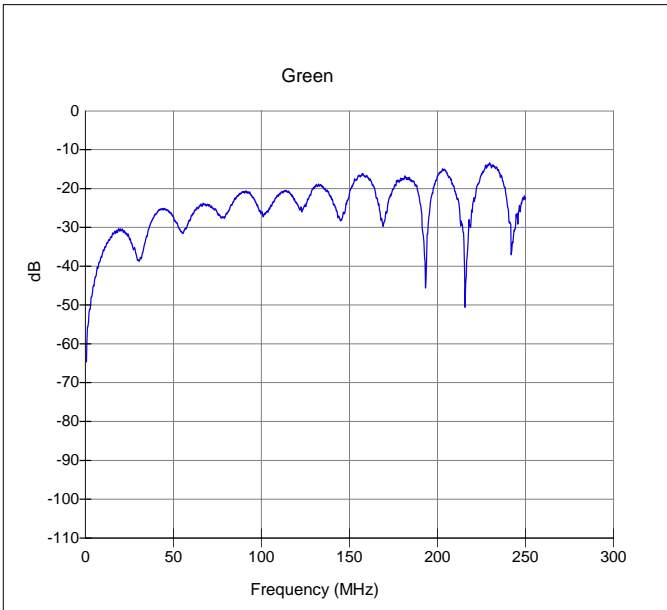
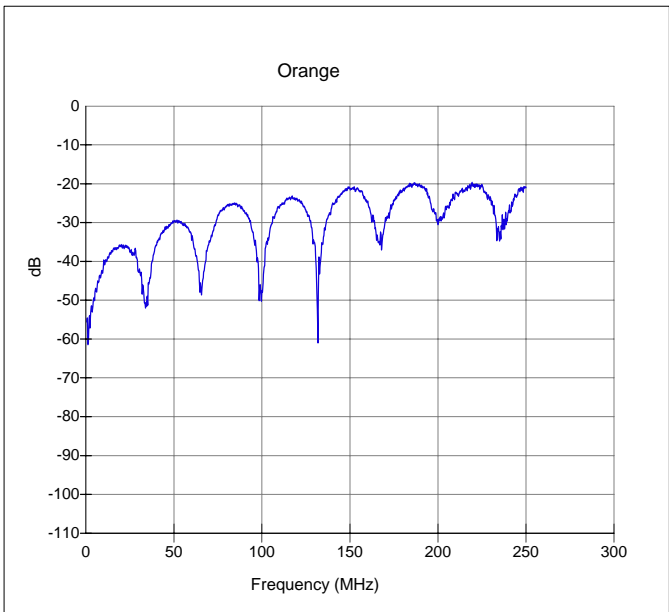
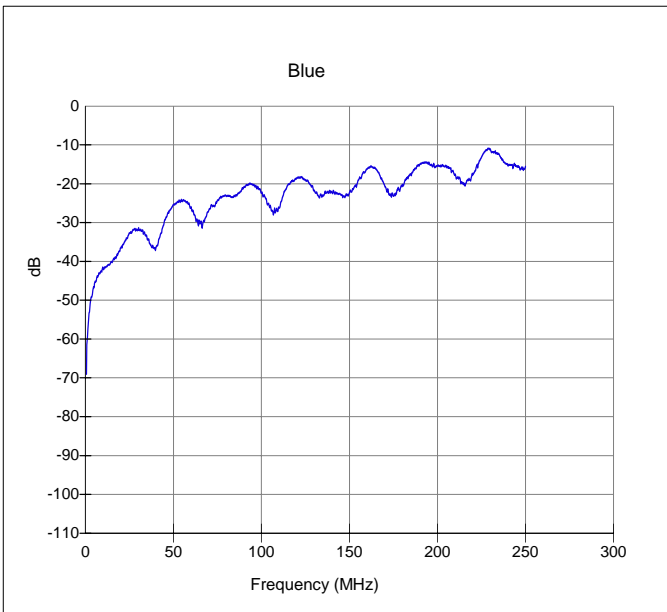
Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





ELTCTL Near

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		





ELTCTL Far

Client	Nexxt Solutions	Project No	100227874CRT-001d
Specification	TIA-568-C2 - Cat 6 Channel	Length(m)	100.
Part No		Temperature	23 °C
Test Started	11/30/2010 3:01:18 PM	Appendix	A
Description	3 Connector Channel	Test Status	Complies
Operator Name	John Cash		

