

January 31, 2013

Test report number 101002179CRT-002  
Project number 101002179-311

Nexxt Solutions LLC  
454 Holiday Drive  
Hallandale, FL 33009

### **TEST:**

Final qualification testing of a cabling configuration to the standard requirements of ISO/IEC 11801 for Class E<sub>A</sub> channel.

### **STANDARD USED:**

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

### **SECTION:**

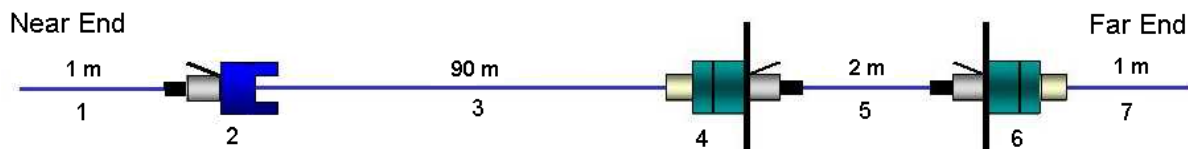
6.4.2 to 6.4.8, 6.4.12 to 6.4.14.3 and 6.4.15

### **AUTHORIZATION:**

The project was authorized by Mr. Paul Lombardi, representing the client, Nexxt Solutions LLC, with signed quotation number 500409844.

### **SAMPLE DESCRIPTION:**

An Intertek representative randomly selected a 3-connector channel as illustrated below. The sample was received on January 24, 2013 and was in good condition.



| Component Id | Manufacturer    | Description               | Part number                 |
|--------------|-----------------|---------------------------|-----------------------------|
| 1, 7         | Nexxt Solutions | Equipment Cord            | NAB-PCS6A3FBL               |
| 2            | Nexxt Solutions | Wall Outlet / Face Plate  | NAW-KSTO6ASL / AW160NXT01   |
| 3            | Nexxt Solutions | Horizontal Cable          | NAB-UTP6ABL                 |
| 4, 6         | Nexxt Solutions | Wall Outlet / Patch Panel | NAW-KSTO6ASL / NAW-PNEL6A24 |
| 5            | Nexxt Solutions | Cross Connect Cord        | NAB-PCS6A7FBL               |



**EQUIPMENT LIST:**

The following equipment was employed in conducting the tests.

| <u>Equipment used</u>          | <u>Model<br/>number</u> | <u>Control<br/>number</u> | <u>Calibration<br/>date</u> | <u>Calibration<br/>due date</u> |
|--------------------------------|-------------------------|---------------------------|-----------------------------|---------------------------------|
| HP Automatic Cable Test System | 46152A                  | E307                      | 2/23/2012                   | 2/23/2013                       |

**DATE OF TEST:**

January 30, 2013 through January 31, 2013

**TEST REPORT REVISION HISTORY:**

First Issue: January 31, 2013 Original Document

**RESULTS:** See appendixes A and B for the test results.

**CONCLUSION:**

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

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

Reviewed and Approved By:

Antoine Pelletier  
Engineer  
Global Cabling Products Testing

John Cash  
Technician  
Global Cabling Products Testing



**Appendix A**  
Internal test results

This appendix contains 42 pages.



## Low Frequency Report

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| DC Resistance (Ohms) |        |        |        |              |
|----------------------|--------|--------|--------|--------------|
| 45                   | 12     | 36     | 78     | Limit (Ohms) |
| 6.7823               | 6.7591 | 6.7351 | 6.8363 |              |
| 6.7799               | 6.7505 | 6.8007 | 6.8264 |              |

| Resistance Unbalanced (%) |      |      |      |           |
|---------------------------|------|------|------|-----------|
| 45                        | 12   | 36   | 78   | Limit (%) |
| 0.02                      | 0.06 | 0.48 | 0.07 | 3.00      |

| Resistance Unbalanced Pair-Pair (%) |         |         |         |         |         |           |
|-------------------------------------|---------|---------|---------|---------|---------|-----------|
| 45 - 12                             | 45 - 36 | 45 - 78 | 12 - 36 | 12 - 78 | 36 - 78 | Limit (%) |
| 0.19                                | 0.10    | 0.37    | 0.10    | 0.56    | 0.47    |           |

| DC Loop Resistance (Ohms) |         |         |         |              |
|---------------------------|---------|---------|---------|--------------|
| 45                        | 12      | 36      | 78      | Limit (Ohms) |
| 13.5640                   | 13.5110 | 13.5360 | 13.6650 | 25.0000      |



## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| Attenuation Near End (dB) |        |        |        |        |
|---------------------------|--------|--------|--------|--------|
| Frequency                 | 45     | 12     | 36     | 78     |
| 0.772                     | -1.66  | -1.53  | -1.59  | -1.51  |
| 1.                        | -1.89  | -1.76  | -1.79  | -1.72  |
| 4.                        | -3.36  | -3.22  | -3.24  | -3.15  |
| 8.                        | -4.64  | -4.51  | -4.54  | -4.44  |
| 10.                       | -5.21  | -5.08  | -5.10  | -4.99  |
| 16.                       | -6.66  | -6.52  | -6.55  | -6.43  |
| 20.                       | -7.50  | -7.36  | -7.38  | -7.26  |
| 25.                       | -8.45  | -8.29  | -8.31  | -8.18  |
| 31.25                     | -9.51  | -9.32  | -9.34  | -9.20  |
| 62.5                      | -13.57 | -13.29 | -13.31 | -13.13 |
| 100.                      | -17.16 | -16.90 | -16.92 | -16.74 |
| 150.                      | -21.39 | -20.99 | -20.92 | -20.69 |
| 155.                      | -21.74 | -21.38 | -21.31 | -21.04 |
| 200.                      | -24.75 | -24.32 | -24.34 | -24.10 |
| 250.                      | -27.65 | -27.34 | -27.31 | -27.01 |
| 300.                      | -30.43 | -30.26 | -30.06 | -29.74 |
| 350.                      | -33.28 | -32.63 | -32.66 | -32.38 |
| 400.                      | -35.97 | -35.56 | -35.27 | -34.85 |
| 450.                      | -37.93 | -37.72 | -37.55 | -37.13 |
| 500.                      | -40.29 | -39.85 | -39.95 | -39.22 |



## Near End Cross Talk (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| NEXT Near End (dB) |         |         |         |         |         |         |
|--------------------|---------|---------|---------|---------|---------|---------|
| Frequency          | 45 - 12 | 45 - 36 | 45 - 78 | 12 - 36 | 12 - 78 | 36 - 78 |
| 0.772              | -90.87  | -99.72  | -90.36  | -94.87  | -93.23  | -95.06  |
| 1.                 | -91.18  | -94.13  | -86.60  | -102.16 | -92.56  | -84.95  |
| 4.                 | -92.81  | -84.89  | -86.76  | -91.24  | -89.50  | -82.20  |
| 8.                 | -87.88  | -81.39  | -87.24  | -82.65  | -81.96  | -79.48  |
| 10.                | -84.22  | -81.58  | -86.09  | -84.58  | -88.64  | -73.28  |
| 16.                | -77.03  | -80.67  | -92.84  | -82.73  | -85.46  | -69.20  |
| 20.                | -74.13  | -75.86  | -82.16  | -80.61  | -81.59  | -67.94  |
| 25.                | -68.74  | -73.65  | -76.96  | -78.05  | -78.42  | -66.17  |
| 31.25              | -65.95  | -72.14  | -71.27  | -73.77  | -73.93  | -64.10  |
| 62.5               | -58.74  | -70.24  | -61.53  | -67.33  | -68.40  | -59.09  |
| 100.               | -61.42  | -58.97  | -61.53  | -66.85  | -69.65  | -54.32  |
| 150.               | -52.19  | -58.21  | -58.73  | -56.79  | -57.94  | -49.98  |
| 155.               | -51.63  | -58.99  | -56.88  | -55.34  | -57.68  | -50.21  |
| 200.               | -51.50  | -51.81  | -49.78  | -55.13  | -57.91  | -48.49  |
| 250.               | -58.14  | -48.31  | -62.17  | -51.41  | -60.15  | -44.45  |
| 300.               | -47.07  | -46.89  | -43.99  | -49.36  | -51.68  | -43.32  |
| 350.               | -65.07  | -40.94  | -54.03  | -47.11  | -54.52  | -39.82  |
| 400.               | -43.66  | -41.54  | -43.29  | -43.41  | -46.25  | -38.68  |
| 450.               | -46.14  | -35.98  | -41.95  | -42.80  | -49.80  | -36.93  |
| 500.               | -47.51  | -36.21  | -42.83  | -38.94  | -50.26  | -35.76  |



## Near End Cross Talk (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| NEXT Far End (dB) |         |         |         |         |         |         |
|-------------------|---------|---------|---------|---------|---------|---------|
| Frequency         | 45 - 12 | 45 - 36 | 45 - 78 | 12 - 36 | 12 - 78 | 36 - 78 |
| 0.772             | -92.68  | -91.57  | -91.87  | -89.89  | -93.86  | -96.22  |
| 1.                | -97.84  | -94.35  | -93.12  | -87.73  | -90.62  | -82.93  |
| 4.                | -82.67  | -82.55  | -84.33  | -88.08  | -89.82  | -85.00  |
| 8.                | -96.25  | -74.00  | -78.04  | -99.26  | -78.13  | -82.22  |
| 10.               | -78.05  | -78.37  | -84.54  | -85.06  | -89.15  | -78.18  |
| 16.               | -86.52  | -77.30  | -88.28  | -83.33  | -85.53  | -82.14  |
| 20.               | -75.69  | -76.85  | -74.47  | -76.75  | -89.12  | -81.98  |
| 25.               | -71.12  | -70.87  | -70.08  | -72.79  | -86.36  | -77.96  |
| 31.25             | -75.34  | -65.25  | -66.46  | -69.34  | -76.17  | -76.82  |
| 62.5              | -65.99  | -64.41  | -58.22  | -61.89  | -72.73  | -64.53  |
| 100.              | -60.90  | -57.58  | -58.72  | -60.05  | -69.96  | -58.90  |
| 150.              | -56.07  | -56.52  | -54.64  | -52.04  | -68.08  | -51.37  |
| 155.              | -54.98  | -55.14  | -51.88  | -48.37  | -67.07  | -52.16  |
| 200.              | -51.37  | -51.20  | -48.76  | -46.09  | -63.32  | -48.42  |
| 250.              | -48.61  | -44.98  | -49.95  | -42.84  | -63.05  | -45.60  |
| 300.              | -46.18  | -40.24  | -46.81  | -39.17  | -55.26  | -43.22  |
| 350.              | -43.77  | -36.40  | -49.37  | -39.31  | -65.17  | -42.41  |
| 400.              | -41.55  | -33.56  | -48.90  | -39.24  | -61.10  | -43.55  |
| 450.              | -45.71  | -31.62  | -42.89  | -42.35  | -53.09  | -45.09  |
| 500.              | -41.11  | -31.00  | -56.54  | -42.00  | -49.98  | -51.49  |



## NEXT Power Sum (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| PS NEXT Near End (dB) |        |        |        |        |
|-----------------------|--------|--------|--------|--------|
| Frequency             | 45     | 12     | 36     | 78     |
| 0.772                 | -87.05 | -87.54 | -88.38 | -86.78 |
| 1.                    | -84.84 | -89.46 | -85.57 | -82.74 |
| 4.                    | -82.26 | -86.13 | -79.92 | -80.24 |
| 8.                    | -79.67 | -78.69 | -76.19 | -77.06 |
| 10.                   | -78.80 | -80.54 | -72.30 | -72.89 |
| 16.                   | -75.08 | -75.52 | -68.61 | -69.02 |
| 20.                   | -70.98 | -72.35 | -67.07 | -67.51 |
| 25.                   | -66.66 | -67.50 | -65.17 | -65.51 |
| 31.25                 | -64.00 | -64.71 | -63.04 | -62.96 |
| 62.5                  | -56.70 | -57.76 | -58.18 | -56.82 |
| 100.                  | -55.69 | -59.84 | -52.86 | -53.45 |
| 150.                  | -50.51 | -50.12 | -48.65 | -48.86 |
| 155.                  | -49.92 | -49.39 | -48.63 | -48.77 |
| 200.                  | -46.16 | -49.29 | -46.23 | -45.80 |
| 250.                  | -47.72 | -50.12 | -42.38 | -44.27 |
| 300.                  | -40.97 | -44.20 | -41.04 | -40.30 |
| 350.                  | -40.71 | -46.33 | -36.90 | -39.52 |
| 400.                  | -37.96 | -39.49 | -36.00 | -36.86 |
| 450.                  | -34.68 | -40.59 | -32.95 | -35.58 |
| 500.                  | -35.10 | -38.10 | -31.99 | -34.85 |





## NEXT Power Sum (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| PS NEXT Far End (dB) |        |        |        |        |
|----------------------|--------|--------|--------|--------|
| Frequency            | 45     | 12     | 36     | 78     |
| 0.772                | -87.14 | -86.77 | -85.55 | -87.31 |
| 1.                   | -90.29 | -87.31 | -82.37 | -83.42 |
| 4.                   | -78.18 | -80.50 | -79.28 | -79.58 |
| 8.                   | -72.48 | -77.88 | -73.34 | -74.25 |
| 10.                  | -73.95 | -76.24 | -74.79 | -76.94 |
| 16.                  | -76.11 | -79.42 | -75.18 | -79.56 |
| 20.                  | -70.26 | -72.77 | -73.02 | -73.58 |
| 25.                  | -65.79 | -68.55 | -68.09 | -69.30 |
| 31.25                | -62.19 | -67.01 | -63.57 | -65.64 |
| 62.5                 | -56.73 | -60.16 | -58.60 | -57.18 |
| 100.                 | -54.08 | -57.20 | -53.95 | -55.61 |
| 150.                 | -50.89 | -50.51 | -48.01 | -49.63 |
| 155.                 | -48.95 | -47.46 | -46.25 | -48.94 |
| 200.                 | -45.50 | -44.89 | -43.31 | -45.50 |
| 250.                 | -42.55 | -41.79 | -39.54 | -44.18 |
| 300.                 | -38.55 | -38.29 | -35.79 | -41.45 |
| 350.                 | -35.48 | -37.97 | -33.94 | -41.58 |
| 400.                 | -32.81 | -37.22 | -32.19 | -42.38 |
| 450.                 | -31.15 | -40.46 | -31.09 | -40.59 |
| 500.                 | -30.58 | -38.22 | -30.63 | -47.13 |



## Attenuation to Cross Talk Ratio (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| ACR Near End (dB) |         |         |         |         |         |         |
|-------------------|---------|---------|---------|---------|---------|---------|
| Frequency         | 45 - 12 | 45 - 36 | 45 - 78 | 12 - 36 | 12 - 78 | 36 - 78 |
| 0.772             | 89.34   | 98.13   | 88.85   | 93.29   | 91.72   | 93.55   |
| 1.                | 89.42   | 92.34   | 84.88   | 100.37  | 90.84   | 83.24   |
| 4.                | 89.59   | 81.65   | 83.60   | 87.99   | 86.34   | 79.05   |
| 8.                | 83.37   | 76.85   | 82.79   | 78.11   | 77.52   | 75.04   |
| 10.               | 79.14   | 76.48   | 81.10   | 79.47   | 83.65   | 68.29   |
| 16.               | 70.51   | 74.12   | 86.41   | 76.18   | 79.03   | 62.77   |
| 20.               | 66.77   | 68.48   | 74.90   | 73.23   | 74.33   | 60.68   |
| 25.               | 60.45   | 65.34   | 68.78   | 69.74   | 70.24   | 57.99   |
| 31.25             | 56.62   | 62.80   | 62.07   | 64.43   | 64.73   | 54.90   |
| 62.5              | 45.45   | 56.92   | 48.40   | 54.01   | 55.27   | 45.96   |
| 100.              | 44.51   | 42.05   | 44.80   | 49.93   | 52.92   | 37.58   |
| 150.              | 31.20   | 37.29   | 38.04   | 35.87   | 37.25   | 29.29   |
| 155.              | 30.25   | 37.67   | 35.84   | 34.02   | 36.64   | 29.17   |
| 200.              | 27.17   | 27.47   | 25.68   | 30.78   | 33.81   | 24.39   |
| 250.              | 30.80   | 20.99   | 35.15   | 24.10   | 33.14   | 17.44   |
| 300.              | 16.82   | 16.84   | 14.25   | 19.31   | 21.94   | 13.57   |
| 350.              | 32.45   | 8.28    | 21.66   | 14.46   | 22.14   | 7.44    |
| 400.              | 8.11    | 6.27    | 8.44    | 8.14    | 11.40   | 3.83    |
| 450.              | 8.42    | -1.57   | 4.82    | 5.25    | 12.67   | -0.19   |
| 500.              | 7.67    | -3.74   | 3.62    | -1.01   | 11.04   | -3.46   |



## Attenuation to Cross Talk Ratio (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| ACR Far End (dB) |         |         |         |         |         |         |
|------------------|---------|---------|---------|---------|---------|---------|
| Frequency        | 45 - 12 | 45 - 36 | 45 - 78 | 12 - 36 | 12 - 78 | 36 - 78 |
| 0.772            | 91.13   | 89.98   | 90.32   | 88.31   | 92.31   | 94.68   |
| 1.               | 96.08   | 92.56   | 91.40   | 85.93   | 88.90   | 81.21   |
| 4.               | 79.45   | 79.31   | 81.16   | 84.84   | 86.65   | 81.83   |
| 8.               | 91.74   | 69.46   | 73.58   | 94.73   | 73.68   | 77.76   |
| 10.              | 72.98   | 73.27   | 79.54   | 79.95   | 84.15   | 73.18   |
| 16.              | 79.99   | 70.74   | 81.84   | 76.78   | 79.10   | 75.71   |
| 20.              | 68.33   | 69.46   | 67.21   | 69.37   | 81.86   | 74.72   |
| 25.              | 62.82   | 62.55   | 61.89   | 64.47   | 78.17   | 69.77   |
| 31.25            | 66.02   | 55.91   | 57.26   | 60.00   | 66.97   | 67.62   |
| 62.5             | 52.72   | 51.15   | 45.11   | 48.62   | 59.62   | 51.43   |
| 100.             | 43.97   | 40.65   | 41.95   | 43.12   | 53.19   | 42.14   |
| 150.             | 35.06   | 35.58   | 33.95   | 31.11   | 47.38   | 30.67   |
| 155.             | 33.58   | 33.83   | 30.83   | 27.06   | 46.02   | 31.11   |
| 200.             | 26.93   | 26.79   | 24.59   | 21.68   | 39.15   | 24.25   |
| 250.             | 21.22   | 17.64   | 22.89   | 15.50   | 36.00   | 18.54   |
| 300.             | 15.93   | 10.19   | 17.05   | 9.12    | 25.50   | 13.46   |
| 350.             | 11.18   | 3.77    | 17.00   | 6.68    | 32.80   | 10.03   |
| 400.             | 6.05    | -1.57   | 14.20   | 4.11    | 26.40   | 8.85    |
| 450.             | 8.18    | -5.83   | 5.82    | 4.90    | 16.02   | 8.02    |
| 500.             | 1.28    | -8.97   | 17.24   | 2.04    | 10.69   | 12.19   |



## Power Sum ACR (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| PS ACR Near End (dB) |       |       |       |       |
|----------------------|-------|-------|-------|-------|
| Frequency            | 45    | 12    | 36    | 78    |
| 0.772                | 85.38 | 86.01 | 86.80 | 85.27 |
| 1.                   | 82.95 | 87.70 | 83.78 | 81.02 |
| 4.                   | 78.90 | 82.91 | 76.68 | 77.09 |
| 8.                   | 75.03 | 74.18 | 71.65 | 72.62 |
| 10.                  | 73.58 | 75.46 | 67.20 | 67.90 |
| 16.                  | 68.42 | 69.00 | 62.06 | 62.59 |
| 20.                  | 63.48 | 64.99 | 59.69 | 60.25 |
| 25.                  | 58.20 | 59.20 | 56.86 | 57.33 |
| 31.25                | 54.50 | 55.39 | 53.70 | 53.76 |
| 62.5                 | 43.14 | 44.47 | 44.87 | 43.69 |
| 100.                 | 38.53 | 42.94 | 35.94 | 36.72 |
| 150.                 | 29.12 | 29.12 | 27.73 | 28.17 |
| 155.                 | 28.18 | 28.01 | 27.31 | 27.72 |
| 200.                 | 21.42 | 24.96 | 21.89 | 21.70 |
| 250.                 | 20.07 | 22.77 | 15.06 | 17.25 |
| 300.                 | 10.54 | 13.95 | 10.99 | 10.56 |
| 350.                 | 7.43  | 13.70 | 4.24  | 7.14  |
| 400.                 | 1.99  | 3.94  | 0.73  | 2.01  |
| 450.                 | -3.25 | 2.87  | -4.60 | -1.55 |
| 500.                 | -5.19 | -1.74 | -7.96 | -4.36 |



## Power Sum ACR (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| PS ACR Far End (dB) |       |       |       |       |
|---------------------|-------|-------|-------|-------|
| Frequency           | 45    | 12    | 36    | 78    |
| 0.772               | 85.49 | 85.22 | 83.96 | 85.76 |
| 1.                  | 88.41 | 85.55 | 80.58 | 81.70 |
| 4.                  | 74.83 | 77.28 | 76.03 | 76.41 |
| 8.                  | 67.84 | 73.37 | 68.81 | 69.80 |
| 10.                 | 68.74 | 71.17 | 69.68 | 71.94 |
| 16.                 | 69.45 | 72.89 | 68.63 | 73.13 |
| 20.                 | 62.75 | 65.40 | 65.63 | 66.32 |
| 25.                 | 57.33 | 60.25 | 59.77 | 61.11 |
| 31.25               | 52.69 | 57.69 | 54.23 | 56.44 |
| 62.5                | 43.21 | 46.90 | 45.34 | 44.08 |
| 100.                | 36.91 | 40.28 | 37.02 | 38.85 |
| 150.                | 29.51 | 29.51 | 27.08 | 28.93 |
| 155.                | 27.17 | 26.06 | 24.94 | 27.89 |
| 200.                | 20.78 | 20.45 | 18.91 | 21.33 |
| 250.                | 14.83 | 14.40 | 12.19 | 17.12 |
| 300.                | 8.15  | 8.05  | 5.74  | 11.69 |
| 350.                | 2.24  | 5.38  | 1.31  | 9.21  |
| 400.                | -3.00 | 1.71  | -2.94 | 7.68  |
| 450.                | -6.72 | 2.92  | -6.36 | 3.52  |
| 500.                | -9.40 | -1.61 | -9.34 | 7.83  |



## FEXT (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| FEXT Near End (dB) |         |         |         |         |         |         |
|--------------------|---------|---------|---------|---------|---------|---------|
| Frequency          | 45 - 12 | 45 - 36 | 45 - 78 | 12 - 45 | 12 - 36 | 12 - 78 |
| 0.772              | -81.68  | -92.43  | -81.70  | -84.18  | -97.96  | -88.75  |
| 1.                 | -78.13  | -89.81  | -79.52  | -80.02  | -100.76 | -85.60  |
| 4.                 | -70.77  | -88.74  | -68.62  | -70.20  | -107.95 | -82.52  |
| 8.                 | -66.25  | -86.85  | -63.75  | -66.71  | -85.70  | -77.78  |
| 10.                | -64.57  | -88.91  | -62.20  | -64.17  | -97.19  | -78.57  |
| 16.                | -62.38  | -84.98  | -59.50  | -62.20  | -100.81 | -77.52  |
| 20.                | -61.63  | -86.22  | -58.61  | -61.58  | -91.55  | -75.64  |
| 25.                | -60.75  | -85.61  | -57.43  | -60.80  | -93.89  | -75.37  |
| 31.25              | -59.82  | -81.06  | -56.79  | -60.80  | -91.96  | -74.47  |
| 62.5               | -59.51  | -70.38  | -55.18  | -59.42  | -86.76  | -72.06  |
| 100.               | -58.85  | -69.45  | -56.18  | -59.00  | -84.57  | -69.64  |
| 150.               | -66.72  | -70.97  | -57.78  | -64.11  | -73.60  | -71.91  |
| 155.               | -66.75  | -71.96  | -57.93  | -65.77  | -71.79  | -71.31  |
| 200.               | -69.82  | -68.97  | -62.62  | -70.24  | -71.65  | -71.17  |
| 250.               | -72.17  | -69.33  | -66.51  | -69.83  | -78.53  | -70.86  |
| 300.               | -64.43  | -71.12  | -66.16  | -64.29  | -74.16  | -72.49  |
| 350.               | -65.33  | -71.01  | -64.73  | -64.60  | -92.69  | -75.37  |
| 400.               | -63.77  | -79.14  | -62.99  | -62.24  | -75.00  | -74.43  |
| 450.               | -65.12  | -74.88  | -62.18  | -64.35  | -78.49  | -77.56  |
| 500.               | -67.09  | -83.16  | -63.79  | -65.79  | -94.87  | -75.19  |



## FEXT (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| FEXT Near End (dB) |         |         |         |         |         |         |
|--------------------|---------|---------|---------|---------|---------|---------|
| Frequency          | 36 - 45 | 36 - 12 | 36 - 78 | 78 - 45 | 78 - 12 | 78 - 36 |
| 0.772              | -97.45  | -100.77 | -88.10  | -81.20  | -93.67  | -85.07  |
| 1.                 | -93.19  | -100.43 | -84.59  | -78.72  | -90.71  | -82.09  |
| 4.                 | -89.22  | -98.08  | -77.05  | -68.45  | -83.38  | -76.70  |
| 8.                 | -85.58  | -91.13  | -74.77  | -63.54  | -77.81  | -72.27  |
| 10.                | -87.84  | -98.08  | -72.25  | -62.54  | -77.87  | -71.84  |
| 16.                | -86.95  | -94.86  | -70.76  | -59.83  | -75.77  | -70.54  |
| 20.                | -85.81  | -88.40  | -69.66  | -59.22  | -73.62  | -69.74  |
| 25.                | -85.03  | -88.19  | -68.87  | -58.10  | -72.95  | -68.26  |
| 31.25              | -79.23  | -89.64  | -68.80  | -56.99  | -71.71  | -67.45  |
| 62.5               | -72.87  | -80.13  | -69.34  | -55.38  | -72.88  | -68.14  |
| 100.               | -70.93  | -82.12  | -69.66  | -55.94  | -69.80  | -68.18  |
| 150.               | -69.25  | -78.83  | -78.22  | -58.05  | -71.07  | -76.01  |
| 155.               | -70.23  | -74.92  | -79.68  | -58.54  | -71.47  | -76.98  |
| 200.               | -72.03  | -73.10  | -81.97  | -62.16  | -71.60  | -89.91  |
| 250.               | -73.59  | -80.08  | -74.37  | -66.12  | -71.43  | -78.82  |
| 300.               | -74.81  | -73.41  | -71.55  | -68.23  | -75.11  | -71.61  |
| 350.               | -75.35  | -79.65  | -72.20  | -64.90  | -75.93  | -73.68  |
| 400.               | -71.85  | -77.95  | -71.83  | -63.63  | -80.55  | -72.01  |
| 450.               | -70.96  | -86.27  | -72.56  | -62.81  | -78.59  | -72.44  |
| 500.               | -74.69  | -73.99  | -80.28  | -63.58  | -75.87  | -80.37  |



## ELFEXT/ACRF (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| ELFEXT/ACRF Near End (dB) |         |         |         |         |         |         |
|---------------------------|---------|---------|---------|---------|---------|---------|
| Frequency                 | 45 - 12 | 45 - 36 | 45 - 78 | 12 - 45 | 12 - 36 | 12 - 78 |
| 0.772                     | -80.15  | -90.85  | -80.19  | -82.52  | -96.37  | -87.24  |
| 1.                        | -76.37  | -88.02  | -77.80  | -78.13  | -98.97  | -83.88  |
| 4.                        | -67.55  | -85.49  | -65.47  | -66.84  | -104.71 | -79.36  |
| 8.                        | -61.74  | -82.31  | -59.31  | -62.06  | -81.16  | -73.34  |
| 10.                       | -59.49  | -83.81  | -57.21  | -58.96  | -92.09  | -73.58  |
| 16.                       | -55.86  | -78.43  | -53.07  | -55.54  | -94.27  | -71.09  |
| 20.                       | -54.28  | -78.84  | -51.36  | -54.07  | -84.17  | -68.38  |
| 25.                       | -52.45  | -77.30  | -49.24  | -52.35  | -85.58  | -67.19  |
| 31.25                     | -50.50  | -71.72  | -47.59  | -51.29  | -82.62  | -65.27  |
| 62.5                      | -46.23  | -57.07  | -42.05  | -45.85  | -73.44  | -58.93  |
| 100.                      | -41.94  | -52.53  | -39.44  | -41.84  | -67.65  | -52.90  |
| 150.                      | -45.73  | -50.05  | -37.09  | -42.73  | -52.68  | -51.22  |
| 155.                      | -45.37  | -50.64  | -36.88  | -44.03  | -50.48  | -50.27  |
| 200.                      | -45.50  | -44.63  | -38.52  | -45.49  | -47.31  | -47.06  |
| 250.                      | -44.83  | -42.02  | -39.50  | -42.18  | -51.22  | -43.85  |
| 300.                      | -34.18  | -41.07  | -36.42  | -33.86  | -44.11  | -42.75  |
| 350.                      | -32.71  | -38.36  | -32.35  | -31.32  | -60.04  | -43.00  |
| 400.                      | -28.21  | -43.87  | -28.14  | -26.27  | -39.73  | -39.58  |
| 450.                      | -27.41  | -37.33  | -25.05  | -26.42  | -40.94  | -40.43  |
| 500.                      | -27.24  | -43.21  | -24.57  | -25.50  | -54.93  | -35.97  |





## ELFEXT/ACRF (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| ELFEXT/ACRF Near End (dB) |         |         |         |         |         |         |
|---------------------------|---------|---------|---------|---------|---------|---------|
| Frequency                 | 36 - 45 | 36 - 12 | 36 - 78 | 78 - 45 | 78 - 12 | 78 - 36 |
| 0.772                     | -95.78  | -99.24  | -86.59  | -79.54  | -92.15  | -83.48  |
| 1.                        | -91.31  | -98.67  | -82.88  | -76.84  | -88.95  | -80.30  |
| 4.                        | -85.86  | -94.86  | -73.90  | -65.10  | -80.16  | -73.46  |
| 8.                        | -80.94  | -86.62  | -70.33  | -58.90  | -73.30  | -67.73  |
| 10.                       | -82.63  | -93.00  | -67.25  | -57.33  | -72.79  | -66.74  |
| 16.                       | -80.30  | -88.34  | -64.33  | -53.17  | -69.25  | -63.99  |
| 20.                       | -78.31  | -81.04  | -62.40  | -51.72  | -66.27  | -62.36  |
| 25.                       | -76.57  | -79.89  | -60.69  | -49.65  | -64.66  | -59.95  |
| 31.25                     | -69.72  | -80.32  | -59.60  | -47.49  | -62.39  | -58.11  |
| 62.5                      | -59.31  | -66.85  | -56.21  | -41.81  | -59.60  | -54.83  |
| 100.                      | -53.77  | -65.22  | -52.93  | -38.78  | -52.89  | -51.25  |
| 150.                      | -47.87  | -57.84  | -57.53  | -36.67  | -50.08  | -55.10  |
| 155.                      | -48.49  | -53.53  | -58.63  | -36.80  | -50.09  | -55.67  |
| 200.                      | -47.29  | -48.78  | -57.87  | -37.42  | -47.28  | -65.56  |
| 250.                      | -45.94  | -52.73  | -47.35  | -38.47  | -44.09  | -51.50  |
| 300.                      | -44.38  | -43.15  | -41.81  | -37.80  | -44.85  | -41.56  |
| 350.                      | -42.07  | -47.02  | -39.82  | -31.62  | -43.30  | -41.03  |
| 400.                      | -35.88  | -42.40  | -36.99  | -27.66  | -44.99  | -36.74  |
| 450.                      | -33.03  | -48.55  | -35.43  | -24.87  | -40.87  | -34.89  |
| 500.                      | -34.40  | -34.14  | -41.06  | -23.28  | -36.02  | -40.42  |



## Power Sum ELFEXT/PSACRF (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| PS ELFEXT/PSACRF Near End (dB) |        |        |        |        |
|--------------------------------|--------|--------|--------|--------|
| Frequency                      | 45     | 12     | 36     | 78     |
| 0.772                          | -76.82 | -81.03 | -85.79 | -78.02 |
| 1.                             | -73.76 | -77.25 | -82.17 | -75.25 |
| 4.                             | -63.16 | -66.71 | -73.48 | -64.56 |
| 8.                             | -57.16 | -61.82 | -69.79 | -58.41 |
| 10.                            | -54.98 | -58.94 | -67.00 | -56.95 |
| 16.                            | -51.02 | -55.55 | -64.09 | -52.95 |
| 20.                            | -49.34 | -54.05 | -62.04 | -51.45 |
| 25.                            | -47.30 | -52.36 | -60.34 | -49.39 |
| 31.25                          | -45.52 | -51.29 | -59.00 | -47.28 |
| 62.5                           | -40.16 | -45.89 | -54.16 | -41.94 |
| 100.                           | -37.01 | -41.72 | -50.17 | -38.78 |
| 150.                           | -35.69 | -42.04 | -47.41 | -37.09 |
| 155.                           | -35.50 | -42.53 | -47.24 | -37.22 |
| 200.                           | -36.35 | -41.88 | -44.94 | -37.58 |
| 250.                           | -36.32 | -39.64 | -43.13 | -37.80 |
| 300.                           | -31.24 | -33.05 | -38.22 | -36.27 |
| 350.                           | -28.22 | -31.61 | -37.30 | -31.68 |
| 400.                           | -24.32 | -26.21 | -33.05 | -28.12 |
| 450.                           | -22.31 | -26.26 | -31.03 | -25.12 |
| 500.                           | -21.79 | -25.46 | -30.85 | -24.02 |



## Return Loss (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| Return Loss (dB) |        |        |        |        |
|------------------|--------|--------|--------|--------|
| Frequency        | 45     | 12     | 36     | 78     |
| 0.772            | -26.93 | -26.77 | -26.18 | -26.79 |
| 1.               | -39.66 | -40.41 | -37.81 | -41.58 |
| 4.               | -32.38 | -31.40 | -30.91 | -30.36 |
| 8.               | -39.71 | -33.66 | -32.85 | -30.41 |
| 10.              | -35.67 | -35.06 | -35.32 | -33.59 |
| 16.              | -46.26 | -39.24 | -36.58 | -36.73 |
| 20.              | -45.94 | -46.49 | -59.82 | -68.38 |
| 25.              | -36.82 | -42.68 | -45.71 | -48.07 |
| 31.25            | -30.04 | -36.72 | -42.80 | -41.08 |
| 62.5             | -29.44 | -36.04 | -30.29 | -33.19 |
| 100.             | -43.04 | -35.99 | -56.34 | -31.45 |
| 150.             | -25.45 | -27.79 | -39.10 | -30.96 |
| 155.             | -24.93 | -25.90 | -30.42 | -29.02 |
| 200.             | -30.99 | -29.51 | -43.43 | -29.81 |
| 250.             | -42.77 | -27.58 | -40.47 | -30.45 |
| 300.             | -22.00 | -22.30 | -30.51 | -25.41 |
| 350.             | -28.95 | -33.33 | -24.05 | -22.69 |
| 400.             | -19.68 | -22.07 | -23.18 | -21.17 |
| 450.             | -20.21 | -18.13 | -25.14 | -18.24 |
| 500.             | -17.69 | -21.63 | -15.42 | -18.72 |



## Return Loss (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

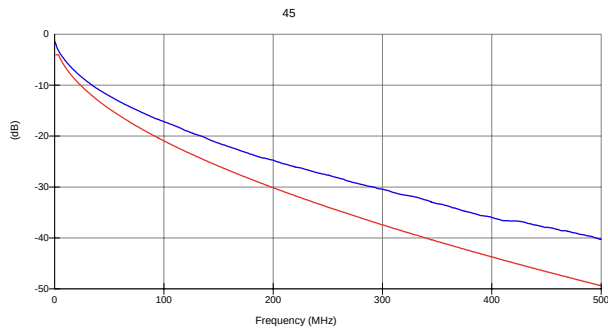
| Return Loss (dB) |        |        |        |        |
|------------------|--------|--------|--------|--------|
| Frequency        | 45     | 12     | 36     | 78     |
| 0.772            | -28.50 | -29.87 | -27.52 | -29.51 |
| 1.               | -44.21 | -48.85 | -42.14 | -49.39 |
| 4.               | -35.30 | -34.45 | -32.83 | -32.19 |
| 8.               | -46.21 | -41.95 | -36.50 | -35.22 |
| 10.              | -32.83 | -42.24 | -47.25 | -49.24 |
| 16.              | -27.83 | -33.55 | -31.89 | -36.82 |
| 20.              | -29.96 | -33.75 | -35.15 | -40.22 |
| 25.              | -43.17 | -47.40 | -48.76 | -48.91 |
| 31.25            | -36.16 | -65.09 | -37.81 | -36.67 |
| 62.5             | -41.04 | -66.55 | -49.53 | -45.46 |
| 100.             | -54.53 | -48.08 | -39.34 | -66.19 |
| 150.             | -27.94 | -32.26 | -50.83 | -33.22 |
| 155.             | -35.38 | -44.07 | -33.77 | -36.95 |
| 200.             | -37.18 | -37.86 | -32.90 | -45.65 |
| 250.             | -24.63 | -34.81 | -31.20 | -33.27 |
| 300.             | -26.21 | -25.40 | -28.10 | -32.68 |
| 350.             | -21.55 | -25.18 | -29.77 | -23.66 |
| 400.             | -24.54 | -29.83 | -19.71 | -17.48 |
| 450.             | -14.64 | -16.93 | -32.40 | -20.59 |
| 500.             | -28.48 | -24.23 | -23.81 | -22.10 |



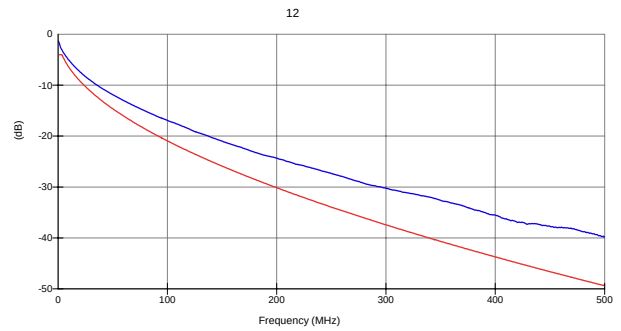
## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

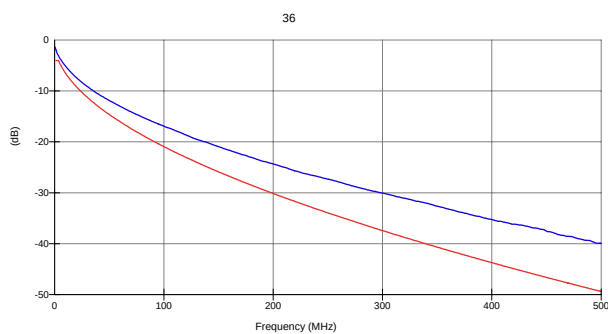
Limit Margin : 0.791 (dB) @ 3.622 MHz



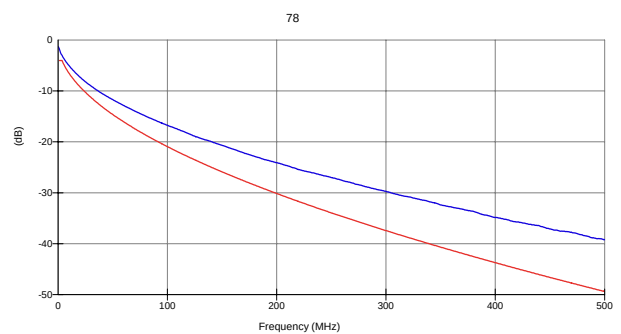
Limit Margin : 0.917 (dB) @ 3.622 MHz



Limit Margin : 0.900 (dB) @ 3.622 MHz



Limit Margin : 0.990 (dB) @ 3.622 MHz

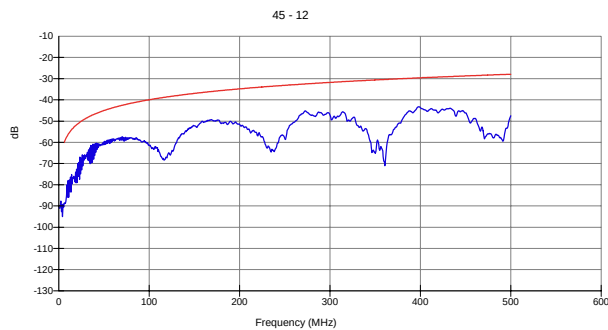




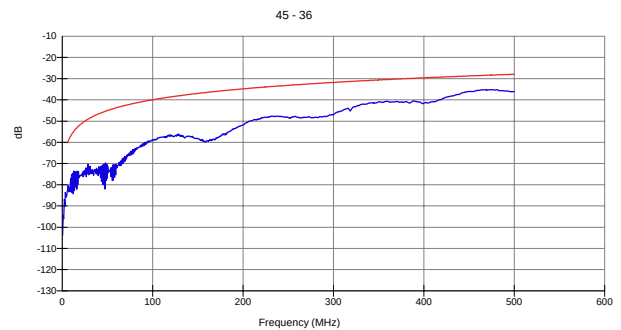
## Near End Cross Talk (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

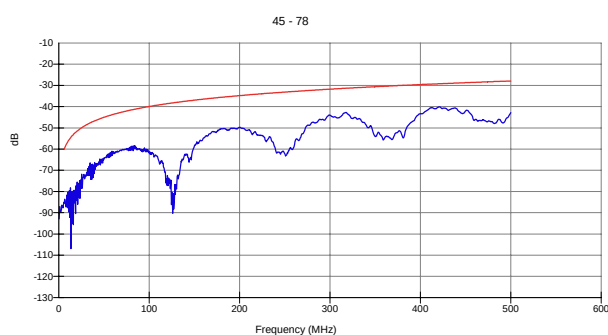
Limit Margin : 12.619 dB @ 272.728 MHz



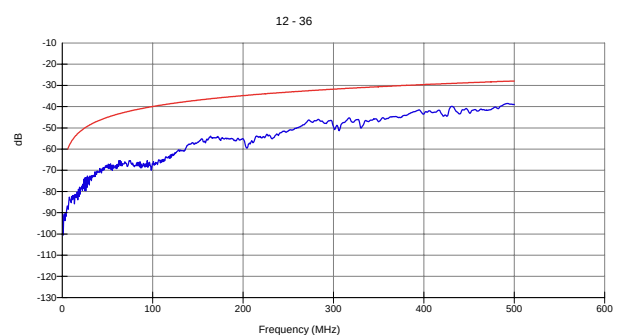
Limit Margin : 6.749 dB @ 464.411 MHz



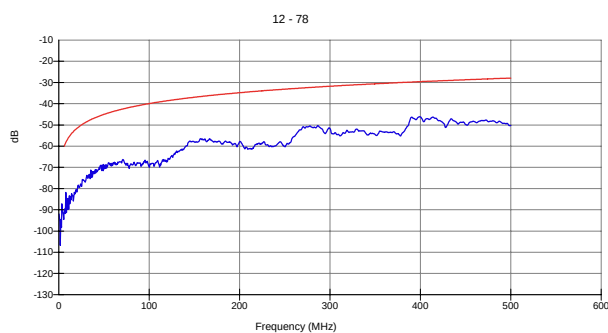
Limit Margin : 10.852 dB @ 420.704 MHz



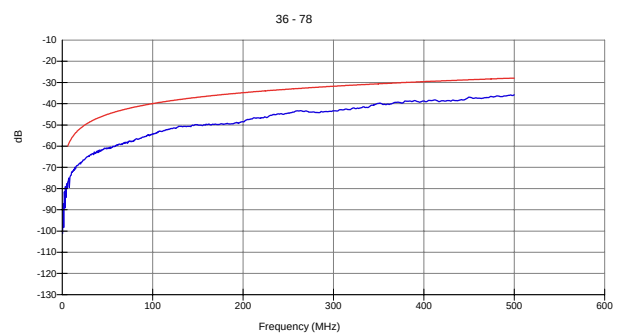
Limit Margin : 10.498 dB @ 492.508 MHz



Limit Margin : 16.536 dB @ 398.851 MHz



Limit Margin : 7.871 dB @ 500.000 MHz

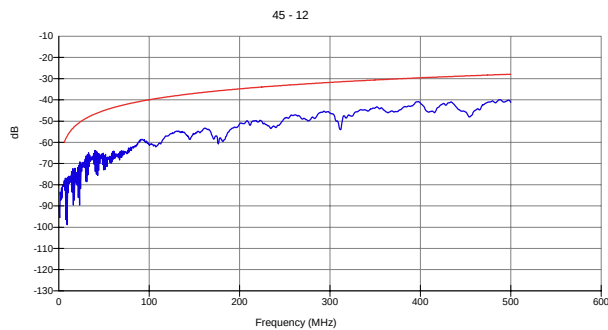




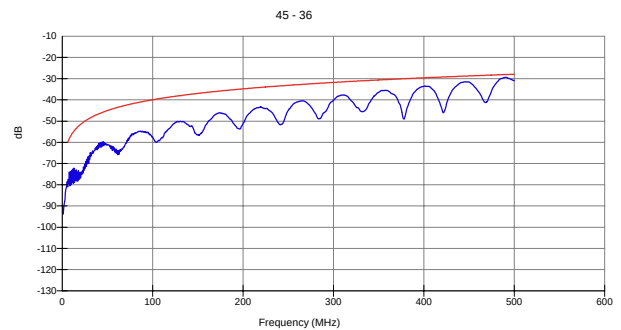
## Near End Cross Talk (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

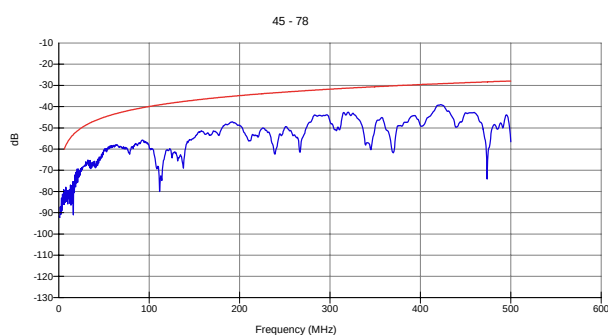
Limit Margin : 11.143 dB @ 396.978 MHz



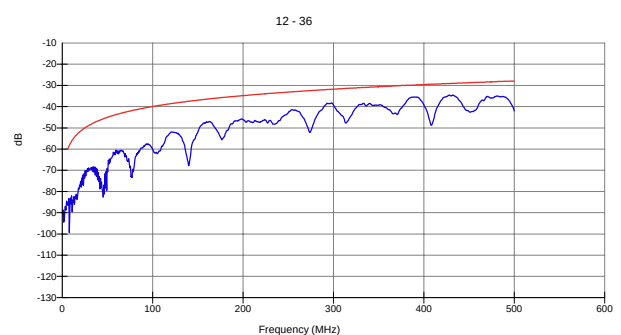
Limit Margin : 1.324 dB @ 490.634 MHz



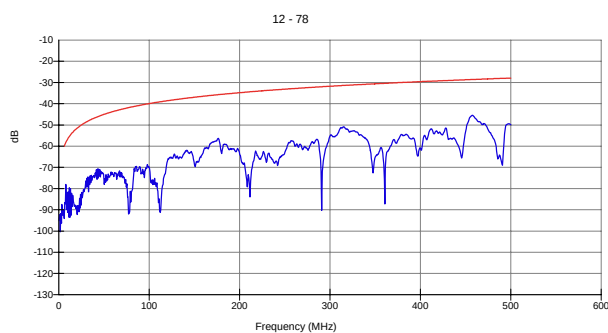
Limit Margin : 9.892 dB @ 422.578 MHz



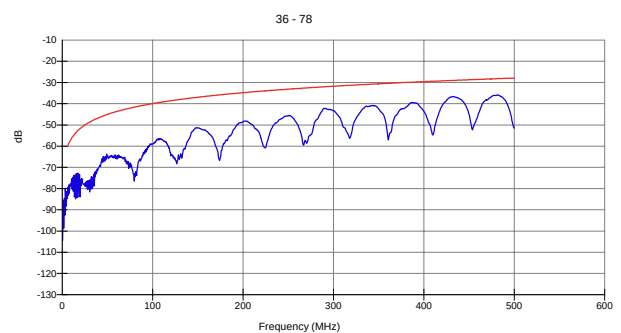
Limit Margin : 5.501 dB @ 428.197 MHz



Limit Margin : 16.896 dB @ 457.543 MHz



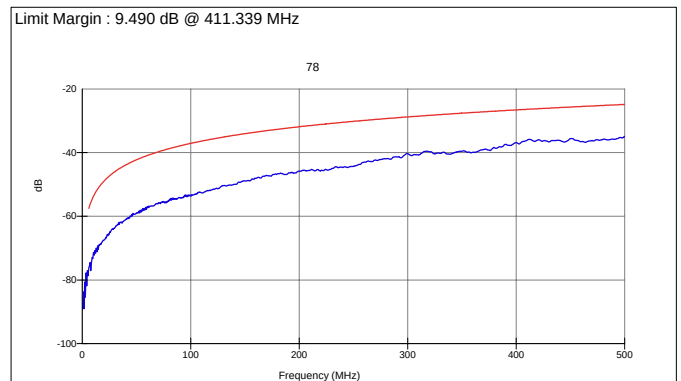
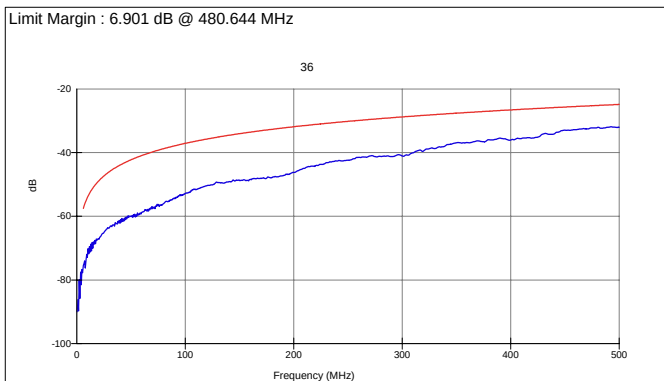
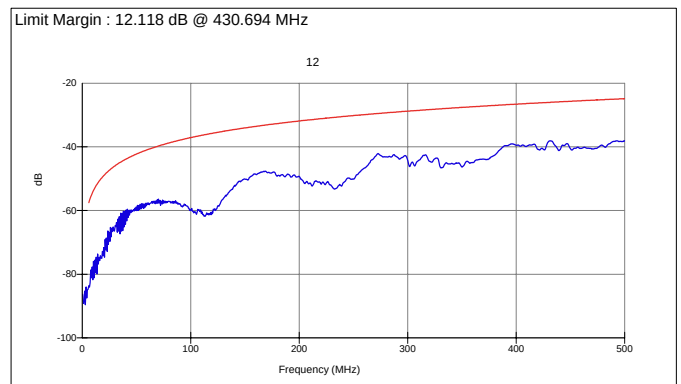
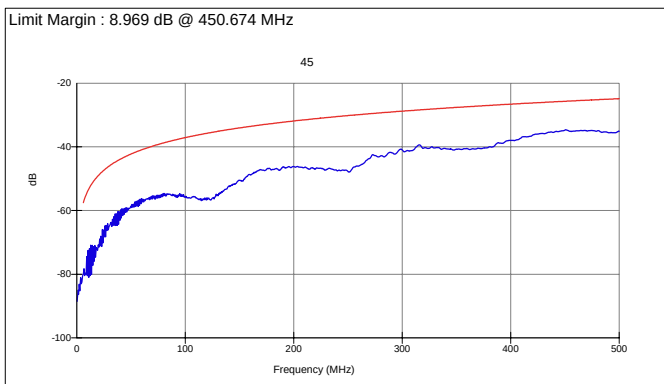
Limit Margin : 7.654 dB @ 432.568 MHz





## Power Sum NEXT (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

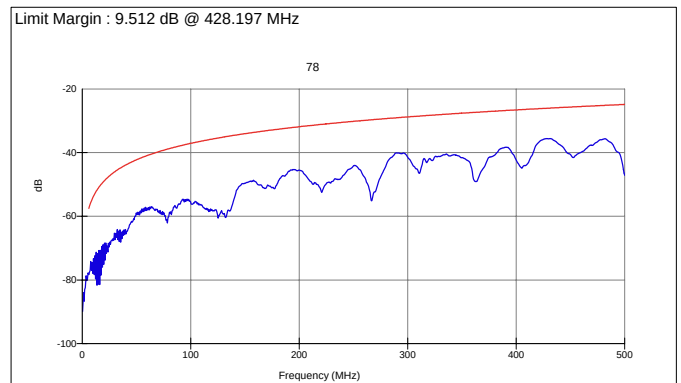
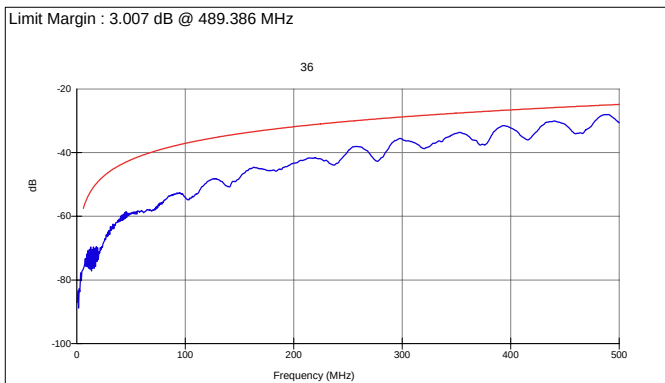
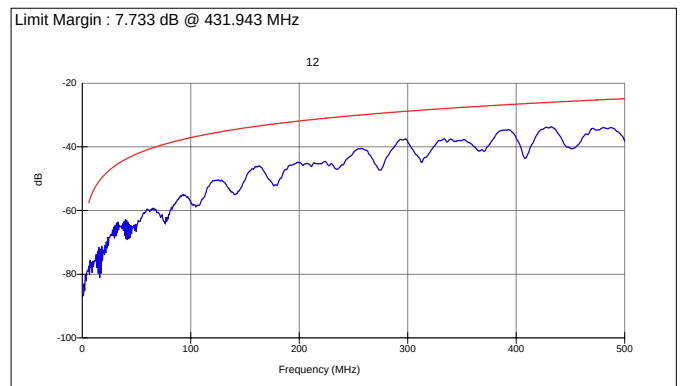
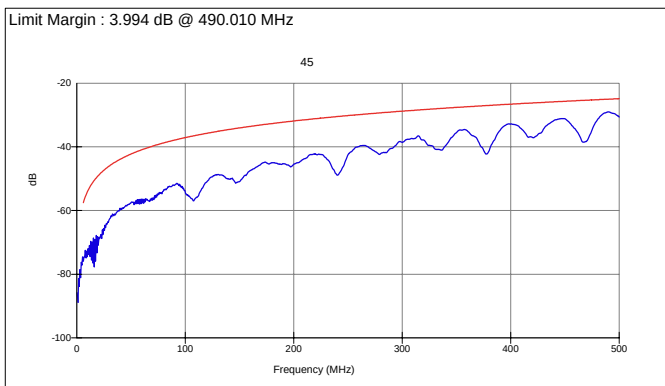






## Power Sum NEXT (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

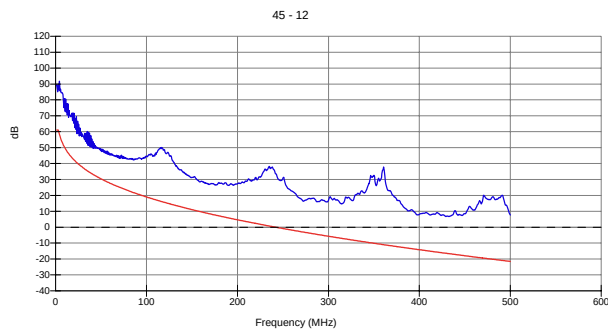




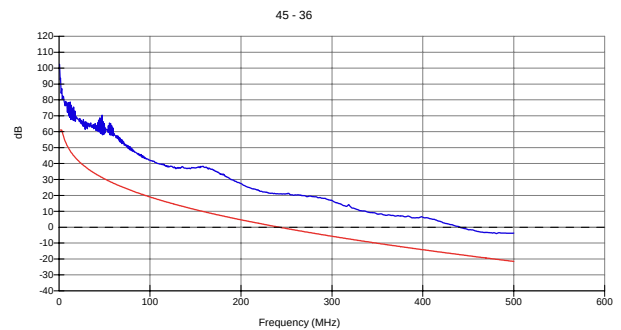
## Attenuation to Cross Talk Ratio (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

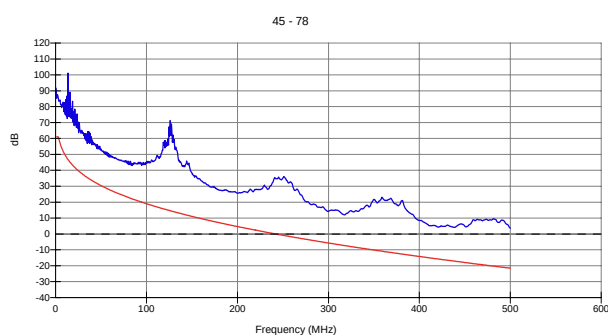
Limit Margin : 16.233 dB @ 37.963 MHz



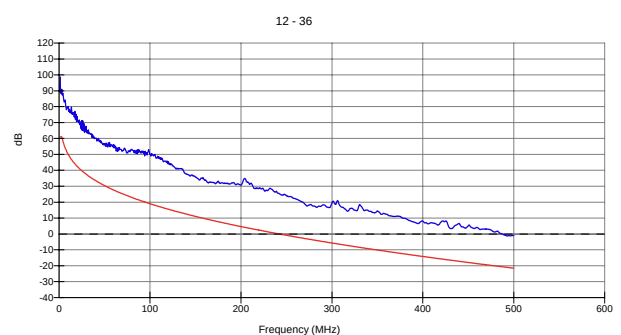
Limit Margin : 15.819 dB @ 464.411 MHz



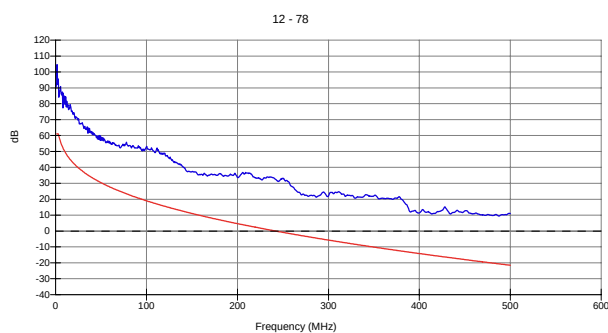
Limit Margin : 19.325 dB @ 317.683 MHz



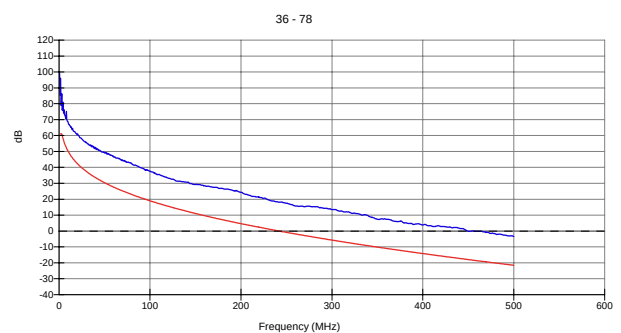
Limit Margin : 19.800 dB @ 430.694 MHz



Limit Margin : 24.391 dB @ 3.622 MHz



Limit Margin : 16.294 dB @ 3.622 MHz

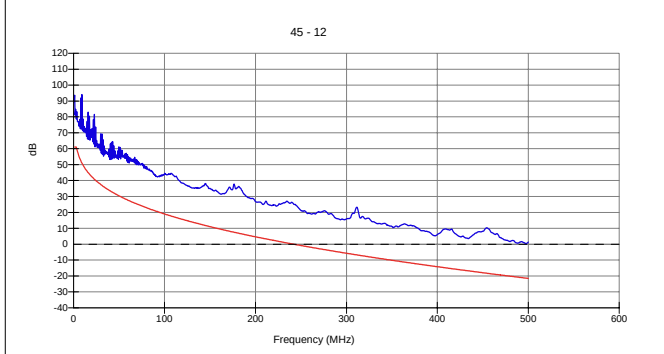




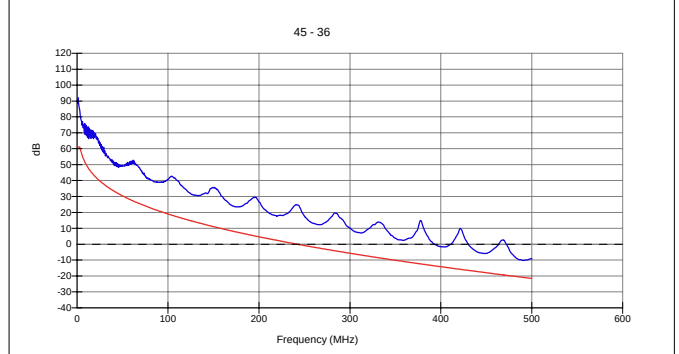
## Attenuation to Cross Talk Ratio (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

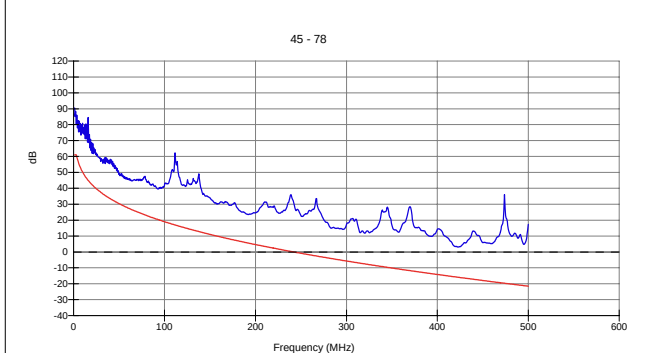
Limit Margin : 17.695 dB @ 2.998 MHz



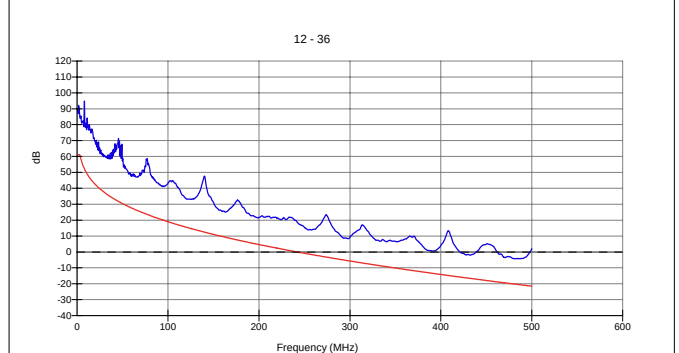
Limit Margin : 10.625 dB @ 490.634 MHz



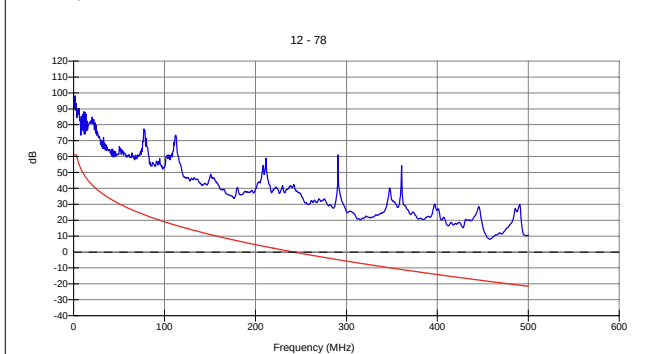
Limit Margin : 17.569 dB @ 57.318 MHz



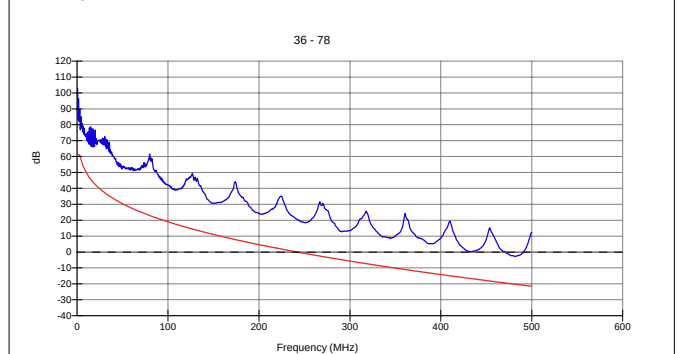
Limit Margin : 13.740 dB @ 293.332 MHz



Limit Margin : 21.180 dB @ 7.993 MHz



Limit Margin : 16.919 dB @ 430.694 MHz

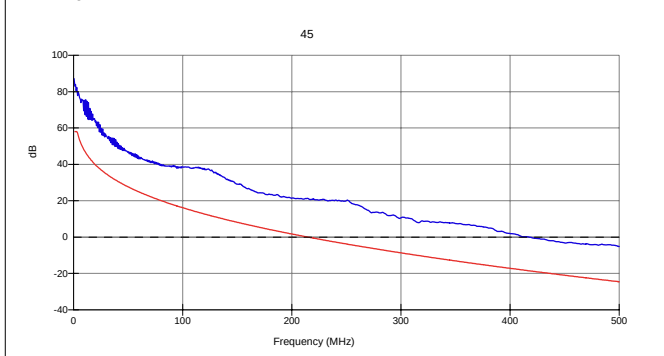




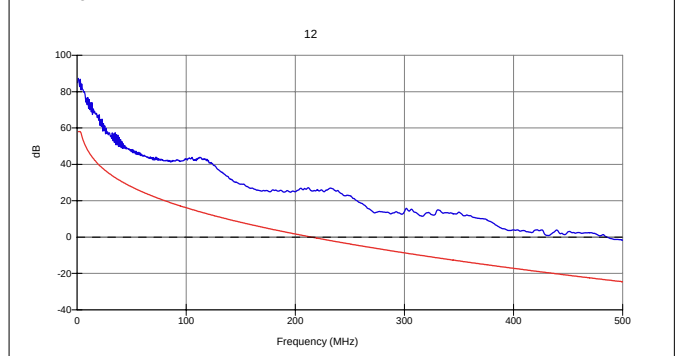
## Power Sum ACR (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

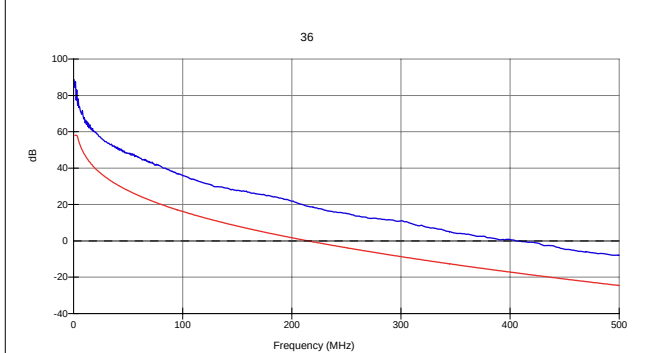
Limit Margin : 17.714 dB @ 450.674 MHz



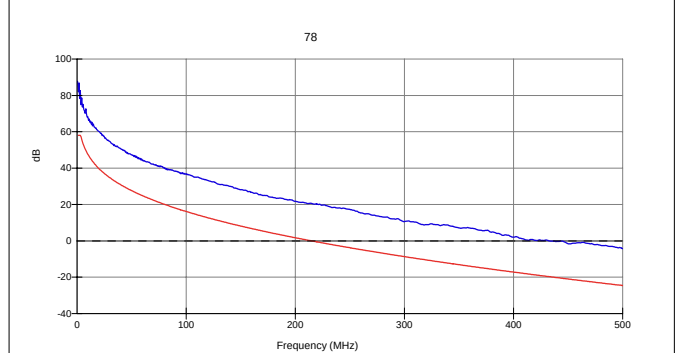
Limit Margin : 18.338 dB @ 35.465 MHz



Limit Margin : 16.163 dB @ 480.644 MHz



Limit Margin : 17.509 dB @ 3.622 MHz

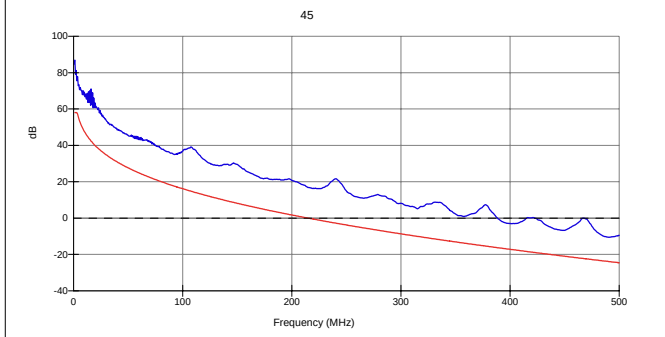




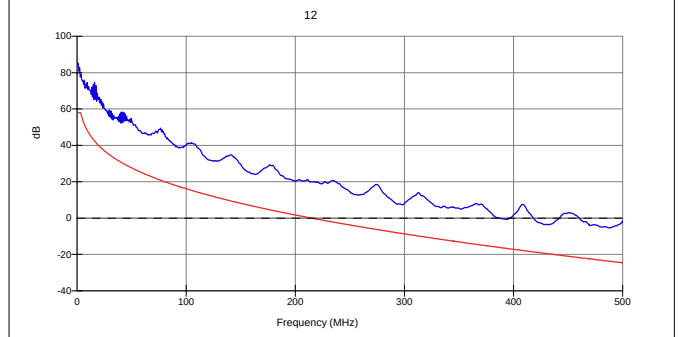
## Power Sum ACR (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

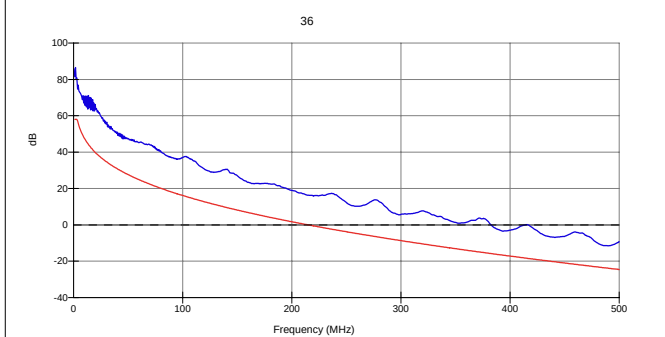
Limit Margin : 13.341 dB @ 490.010 MHz



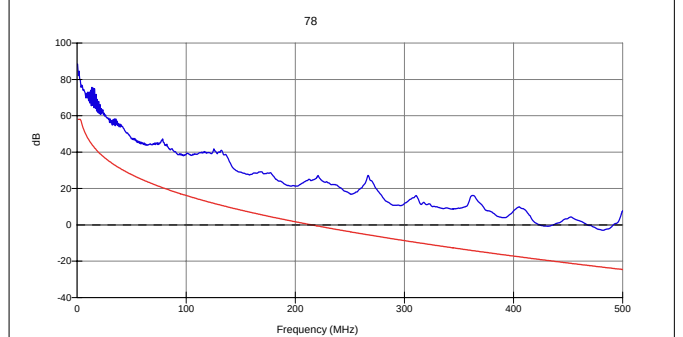
Limit Margin : 15.684 dB @ 293.332 MHz



Limit Margin : 12.170 dB @ 485.639 MHz



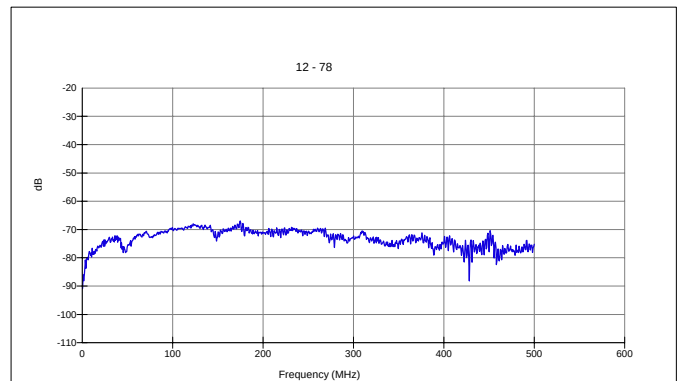
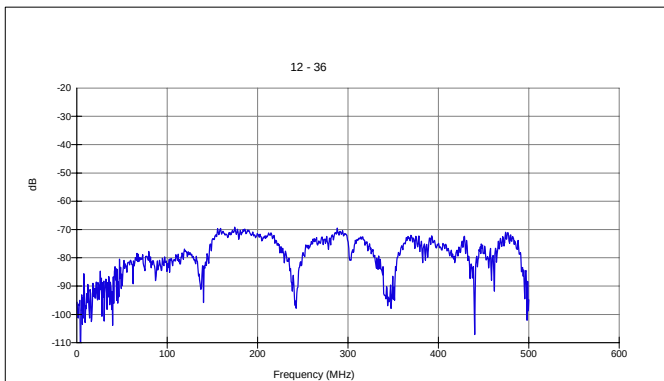
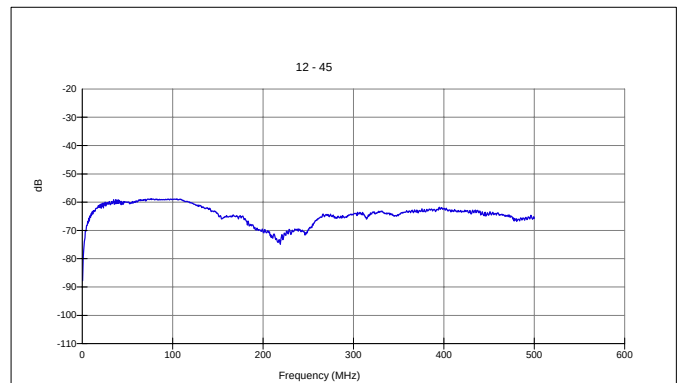
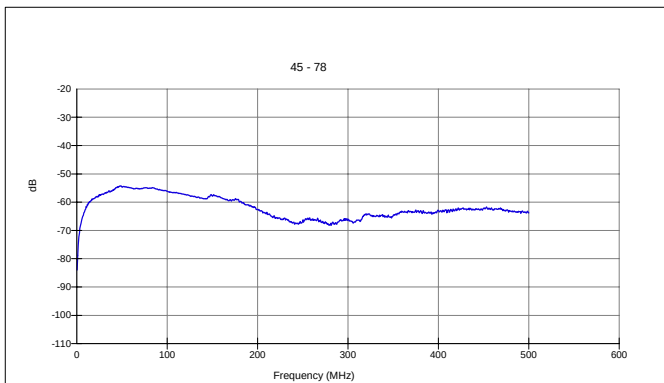
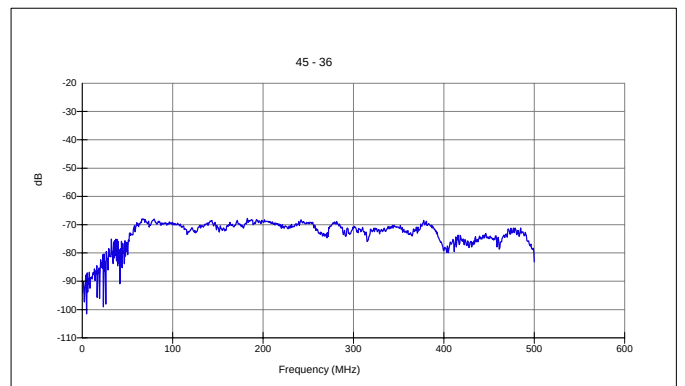
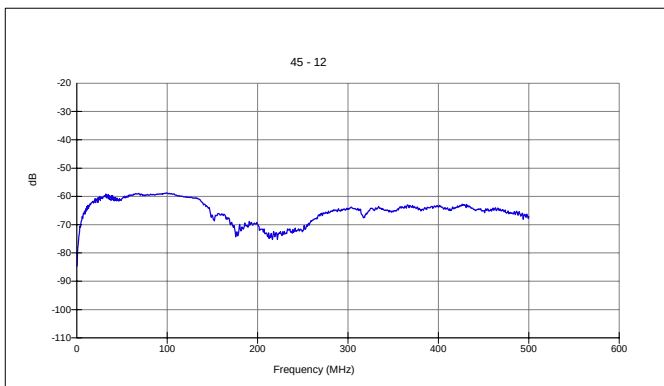
Limit Margin : 18.449 dB @ 3.622 MHz





## Far End Cross Talk (Near End)

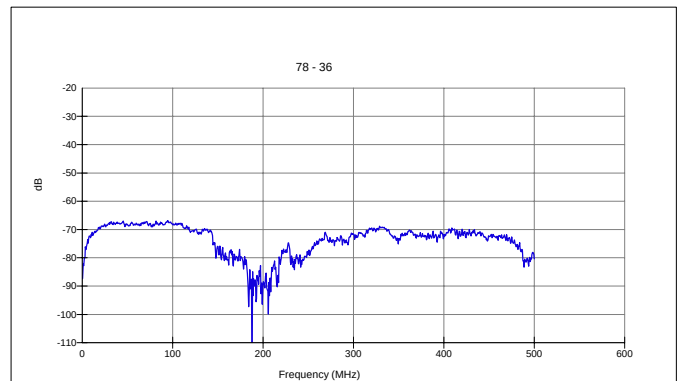
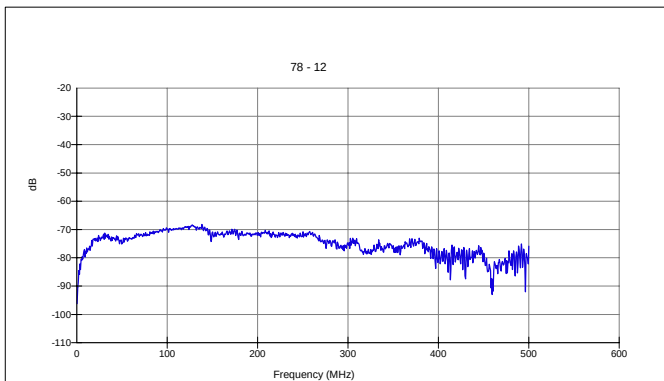
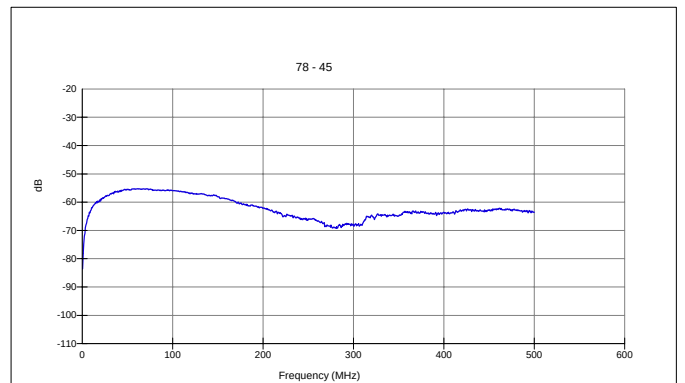
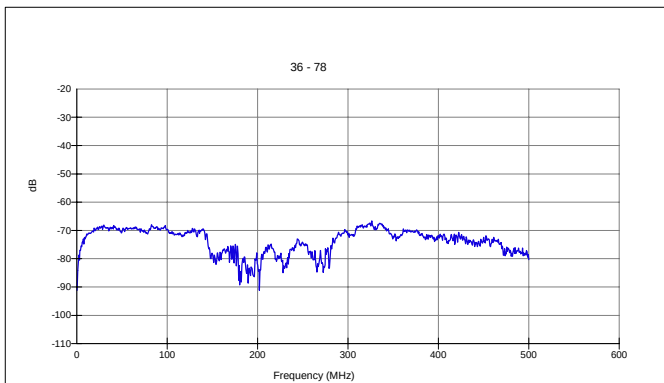
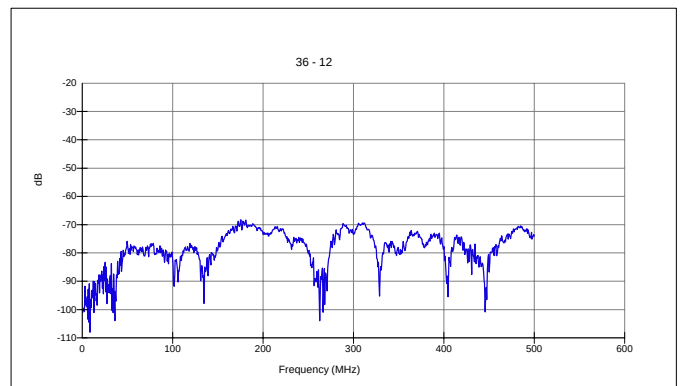
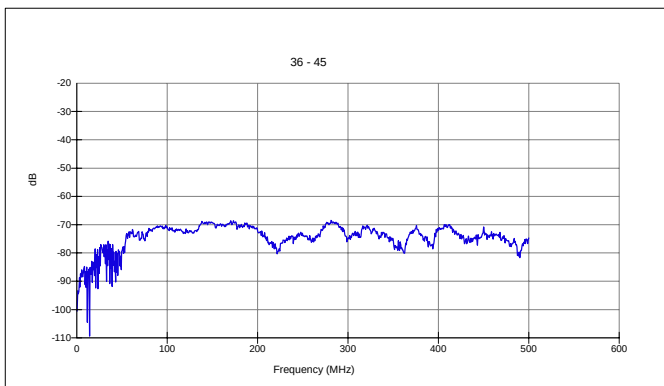
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## Far End Cross Talk (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

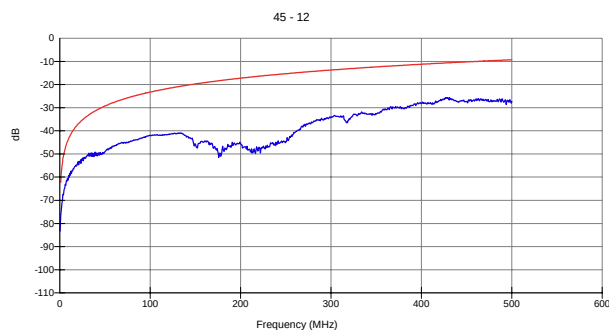




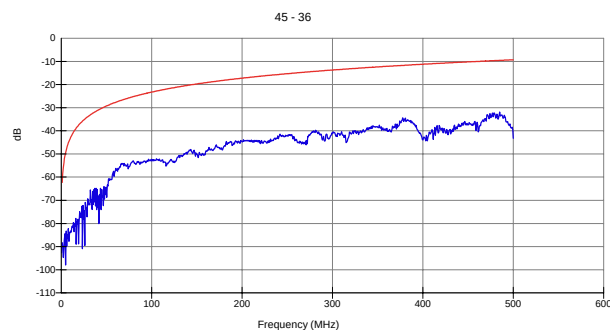
## ELFEXT/ACRF (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

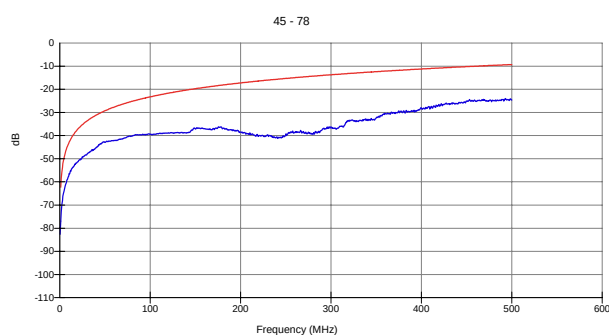
Limit Margin : 15.004 dB @ 428.197 MHz



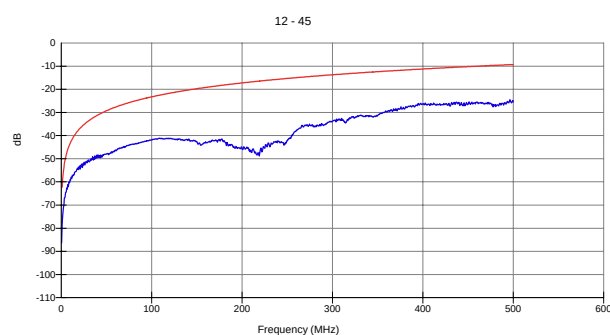
Limit Margin : 22.691 dB @ 377.623 MHz



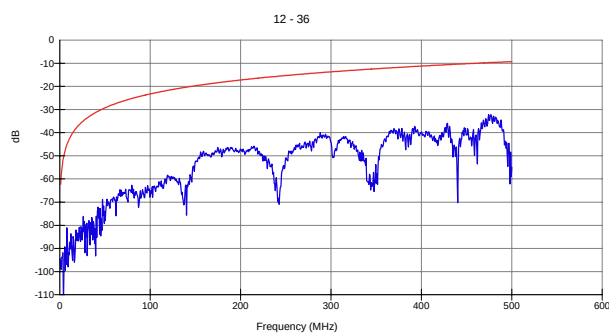
Limit Margin : 13.073 dB @ 47.953 MHz



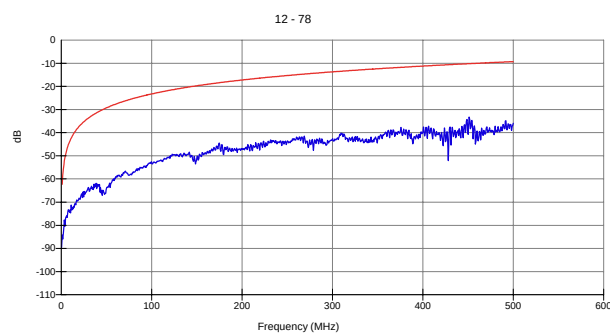
Limit Margin : 14.761 dB @ 395.105 MHz



Limit Margin : 25.955 dB @ 288.337 MHz



Limit Margin : 26.049 dB @ 174.701 MHz



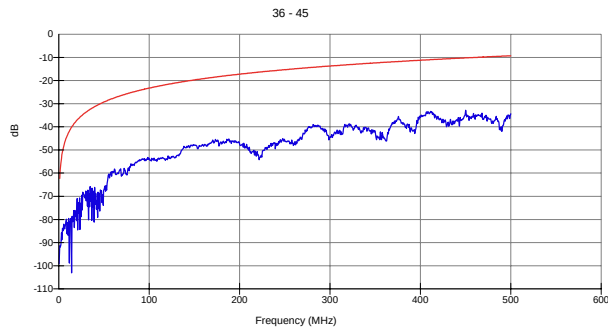




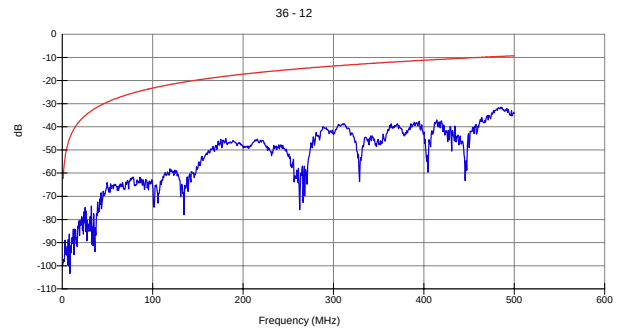
## ELFEXT/ACRF (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

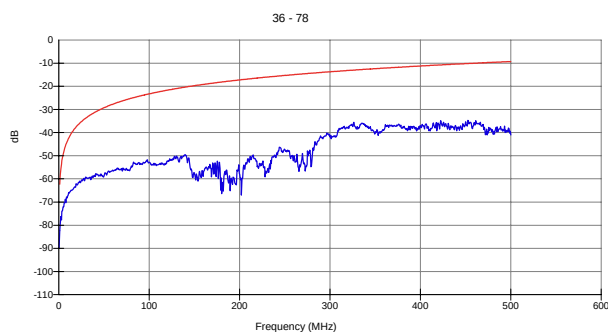
Limit Margin : 22.363 dB @ 411.339 MHz



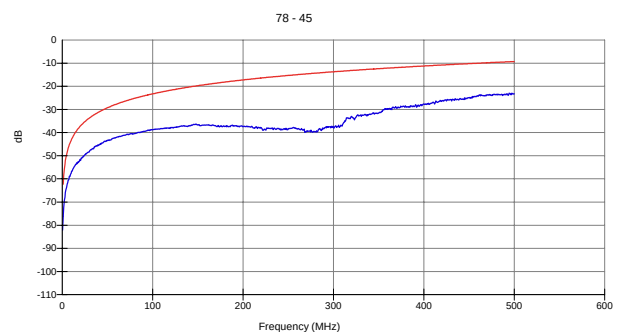
Limit Margin : 25.221 dB @ 311.439 MHz



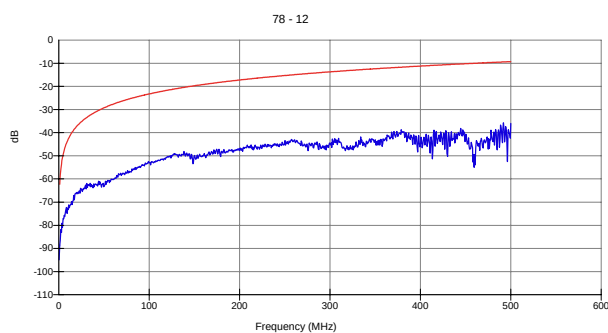
Limit Margin : 22.559 dB @ 326.424 MHz



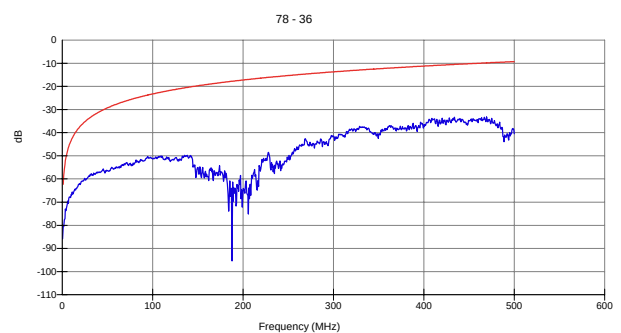
Limit Margin : 13.598 dB @ 494.381 MHz



Limit Margin : 27.685 dB @ 138.487 MHz



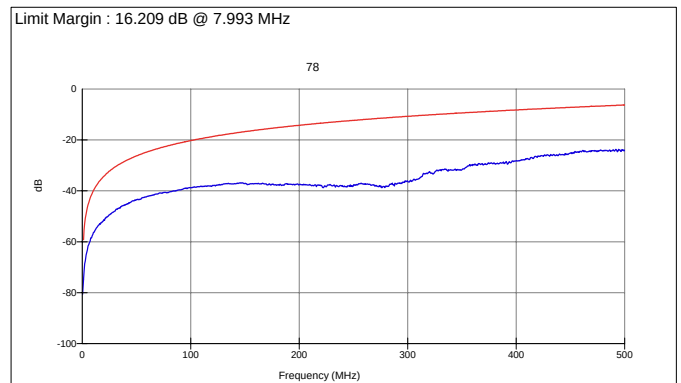
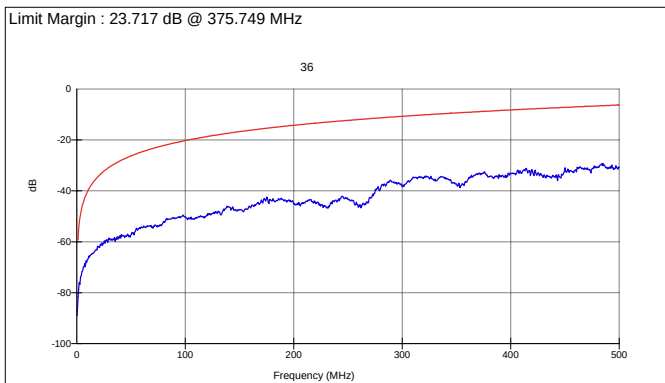
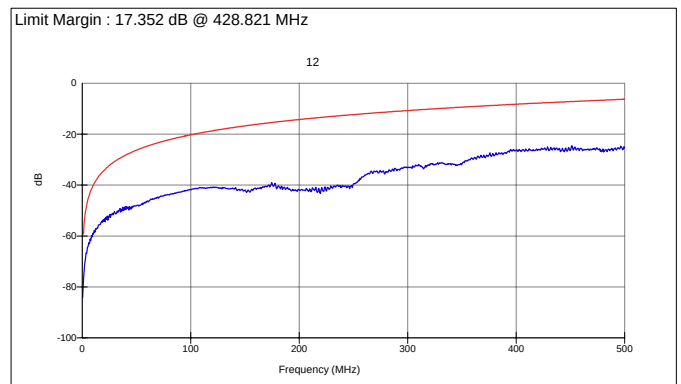
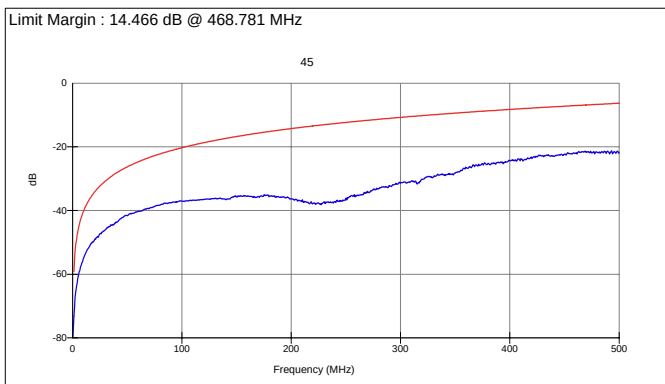
Limit Margin : 22.771 dB @ 408.841 MHz





## Power Sum ELFEXT/PSACRF (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

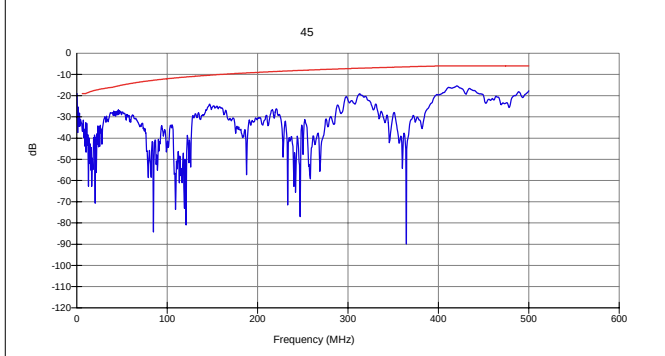




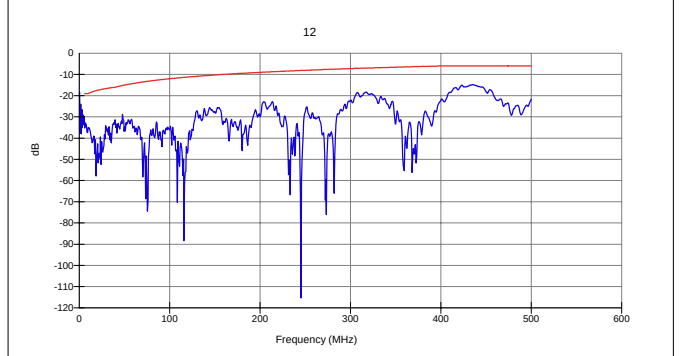
## Return Loss (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

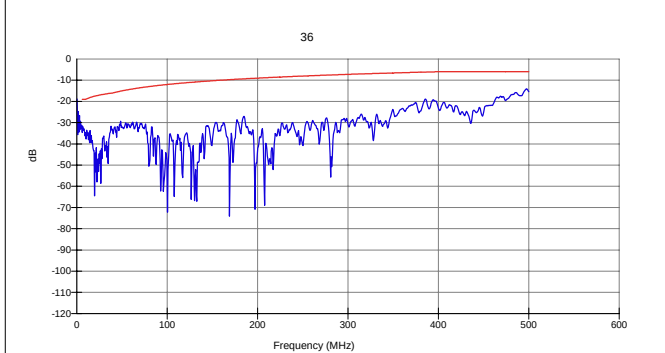
Limit Margin : 9.414 dB @ 420.704 MHz



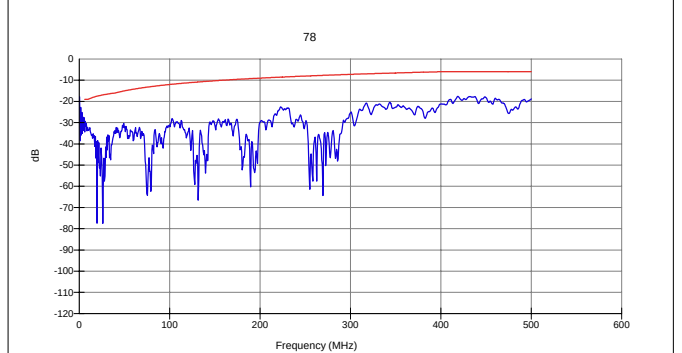
Limit Margin : 8.807 dB @ 435.689 MHz



Limit Margin : 8.014 dB @ 497.503 MHz



Limit Margin : 10.367 dB @ 6.744 MHz

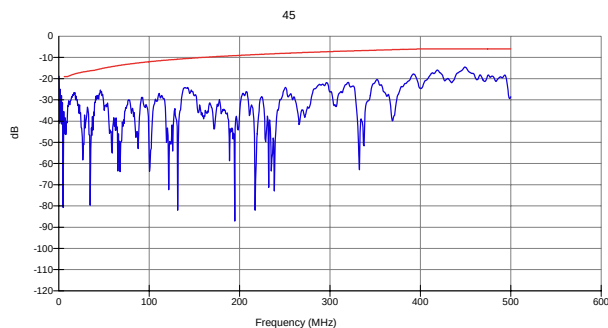




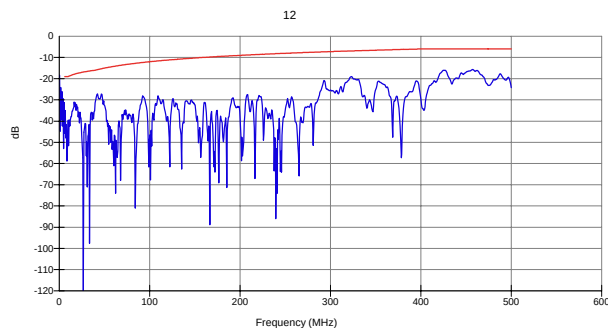
## Return Loss (Far End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

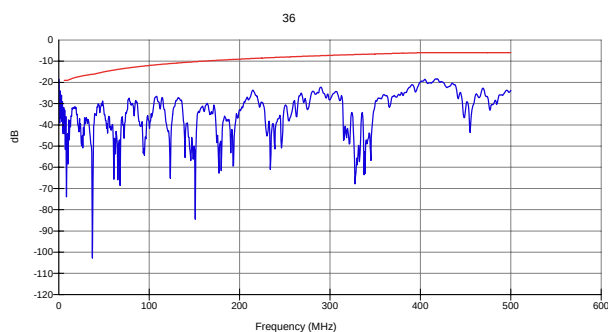
Limit Margin : 8.467 dB @ 449.426 MHz



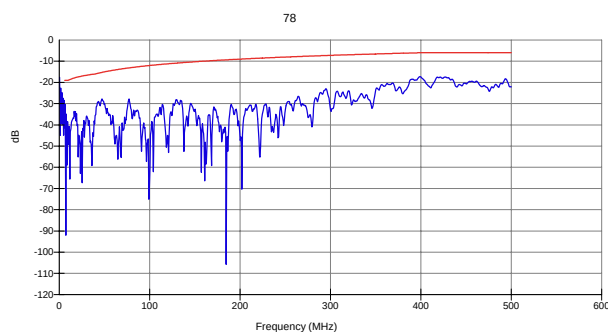
Limit Margin : 9.679 dB @ 457.543 MHz



Limit Margin : 12.330 dB @ 418.831 MHz



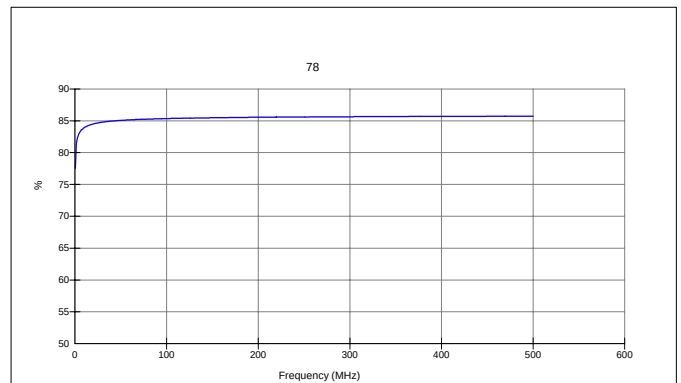
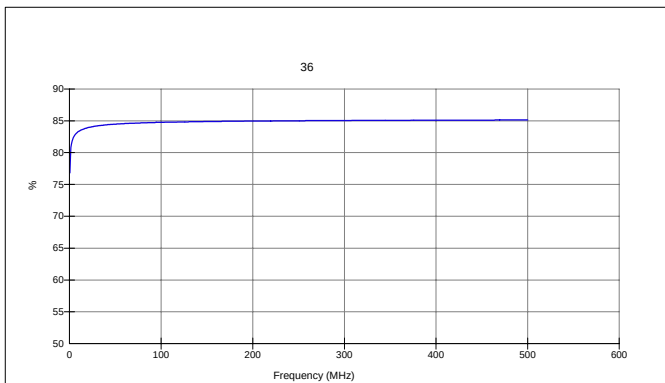
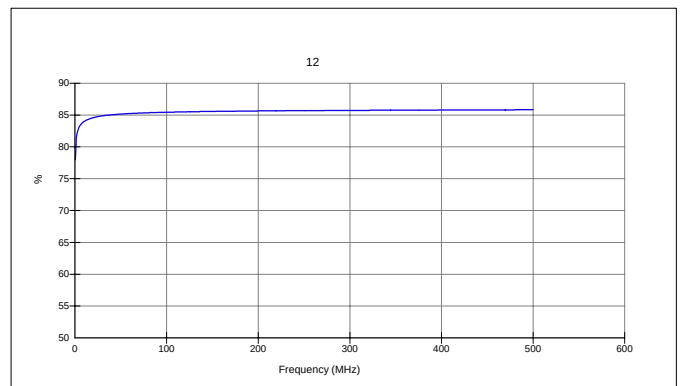
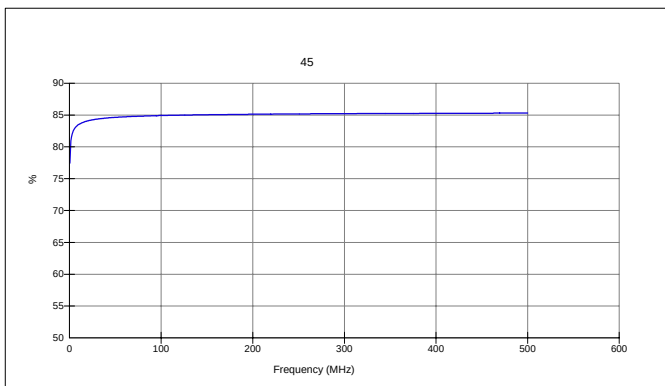
Limit Margin : 11.298 dB @ 398.851 MHz





## Propagation Velocity (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

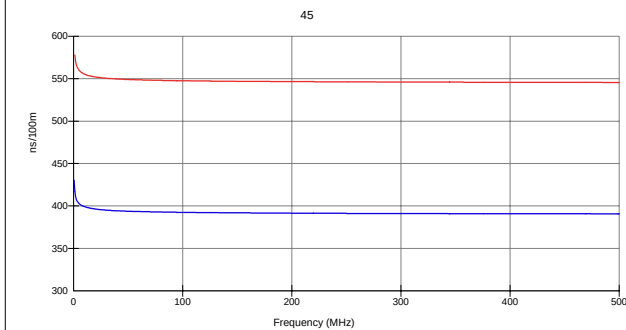




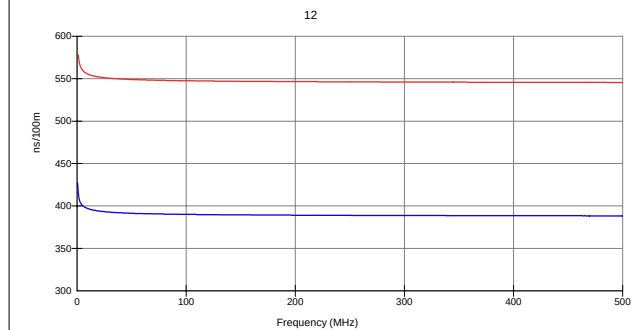
## Propagation Delay (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/30/2013 1:34:40 PM           | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | A                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

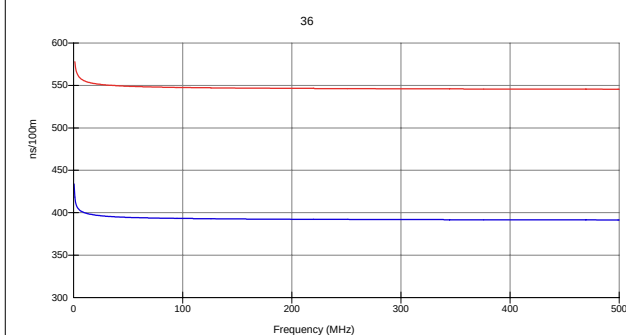
Limit Margin : 154.880 ns/100m @ 485.015 MHz



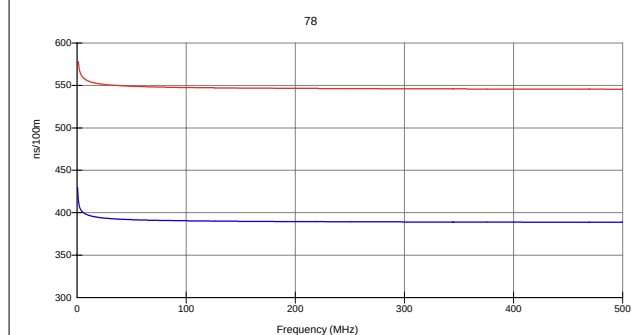
Limit Margin : 157.250 ns/100m @ 491.259 MHz



Limit Margin : 154.090 ns/100m @ 485.015 MHz



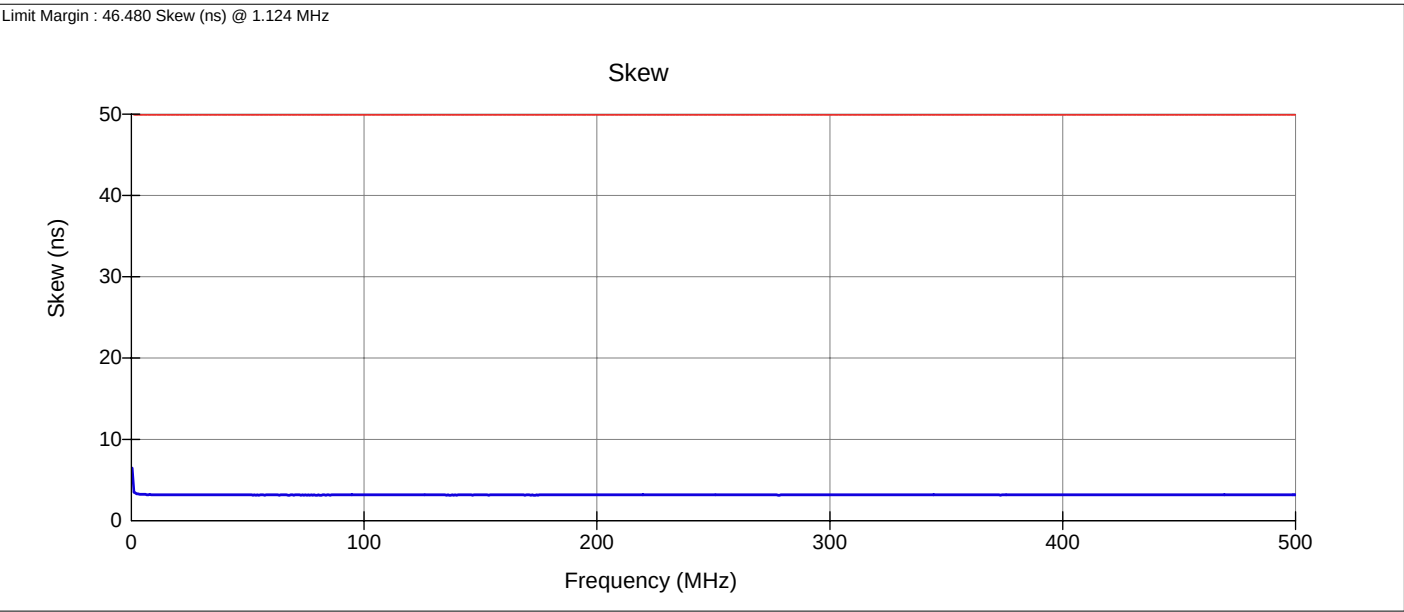
Limit Margin : 156.830 ns/100m @ 473.776 MHz





Delay Skew (Near End)

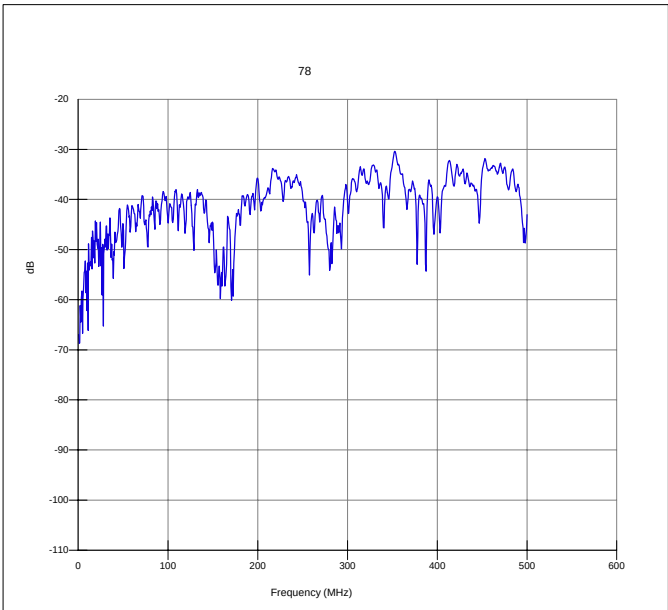
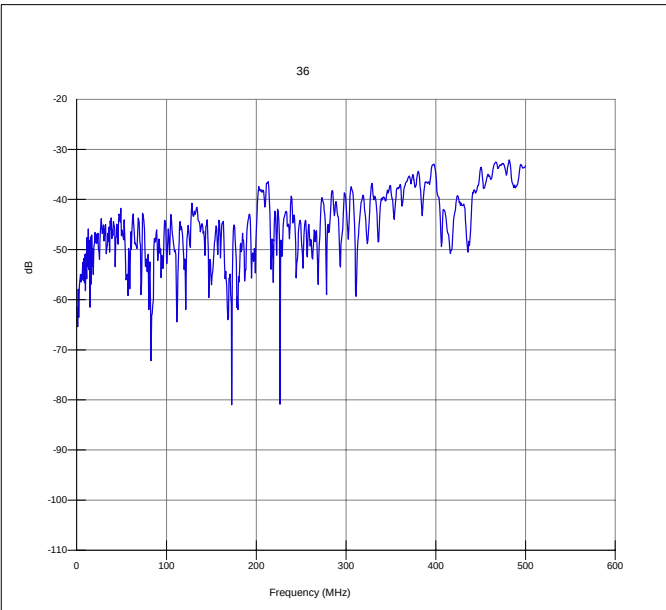
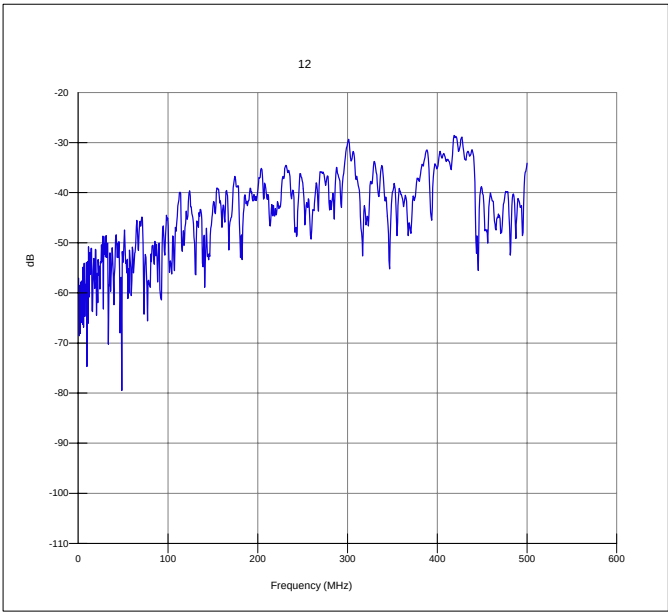
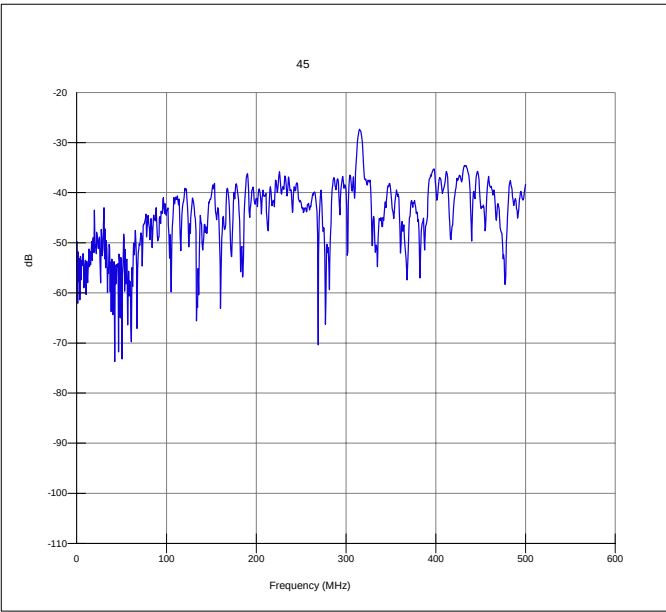
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/30/2013 1:34:40 PM           | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | A                |
| Operator Name | John Cash                      | Test Status | Complies         |





TCL Near

|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/30/2013 1:34:40 PM           | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | A                |
| Operator Name | John Cash                      | Test Status | Complies         |

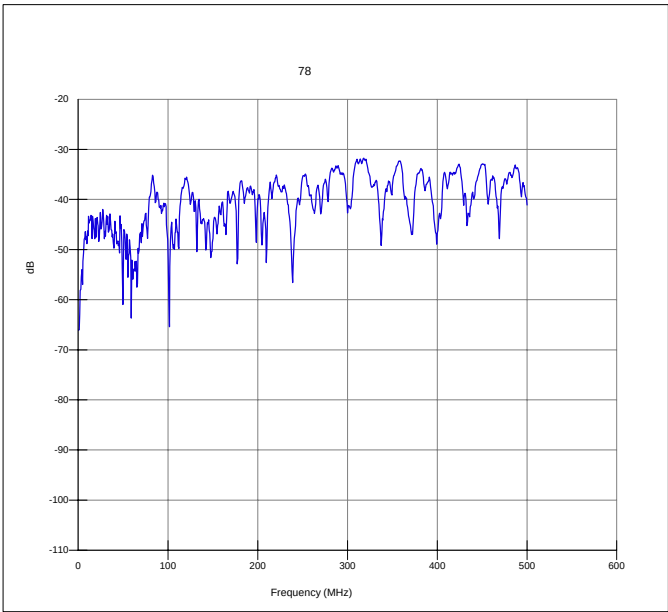
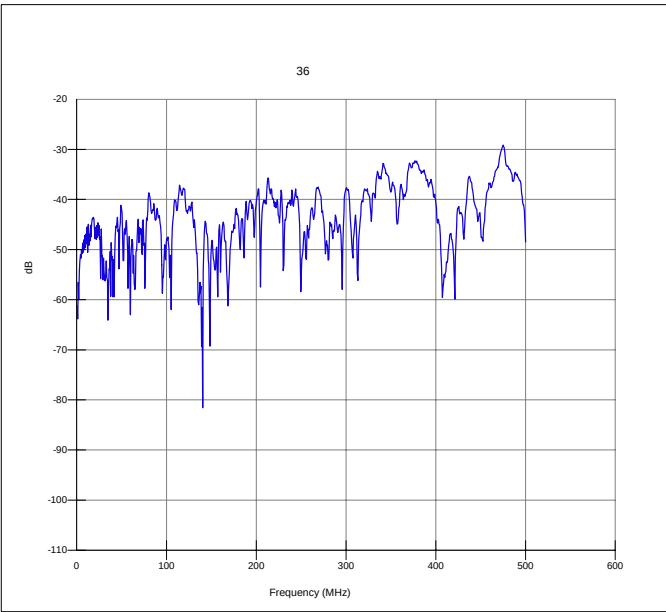
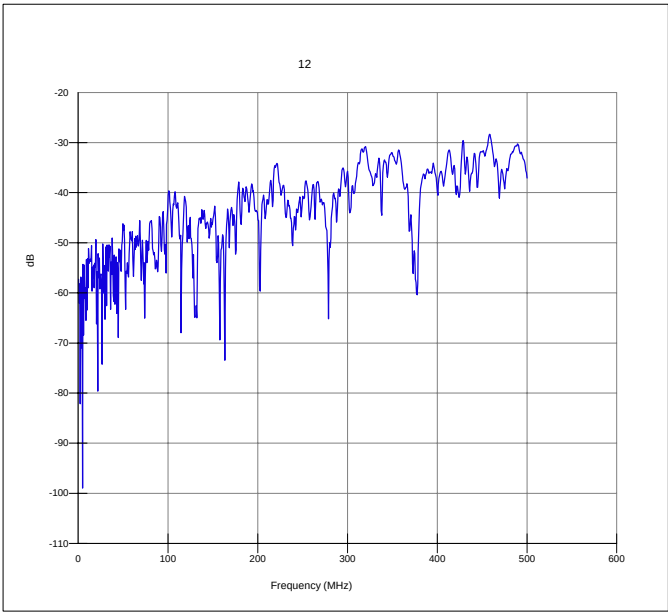
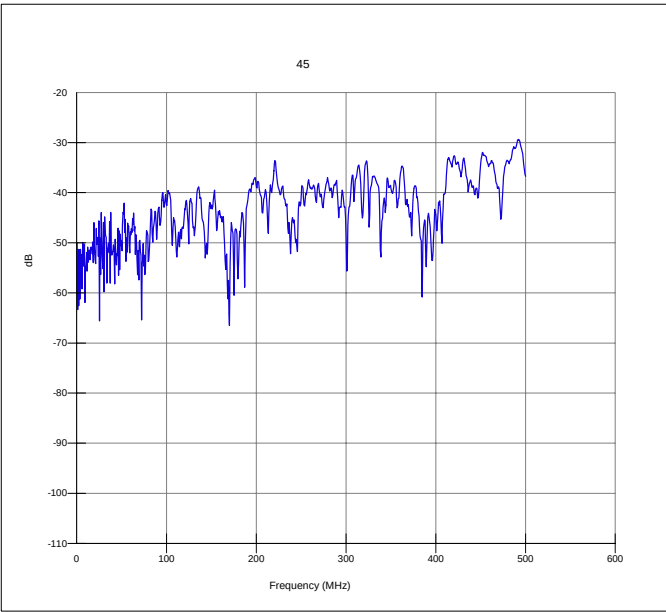






TCL Far

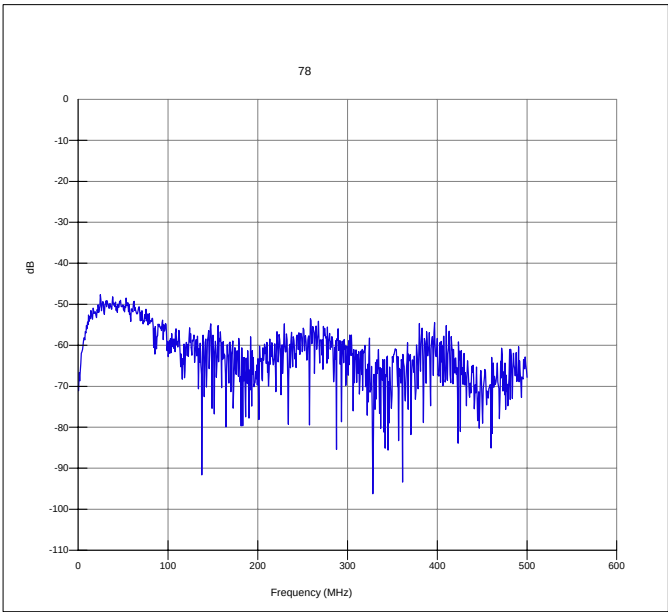
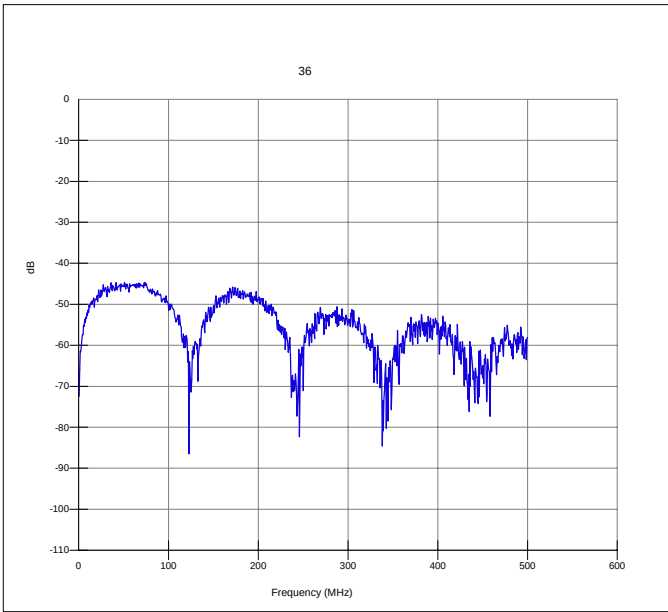
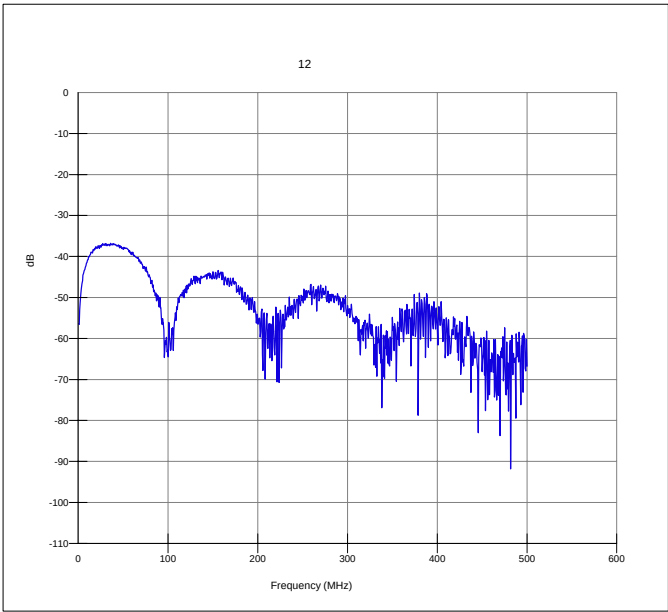
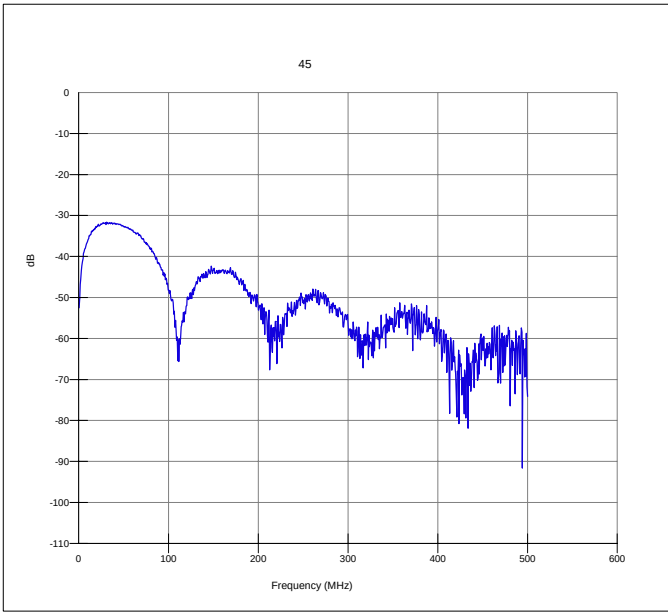
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/30/2013 1:34:40 PM           | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | A                |
| Operator Name | John Cash                      | Test Status | Complies         |





TCTL Near

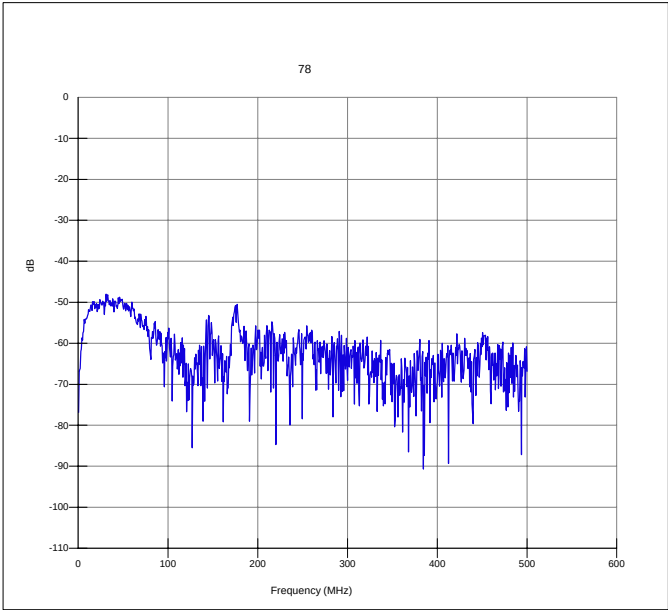
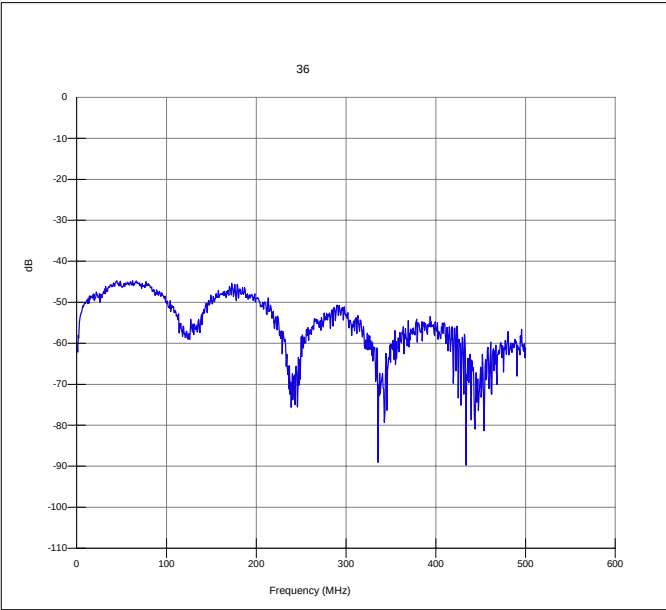
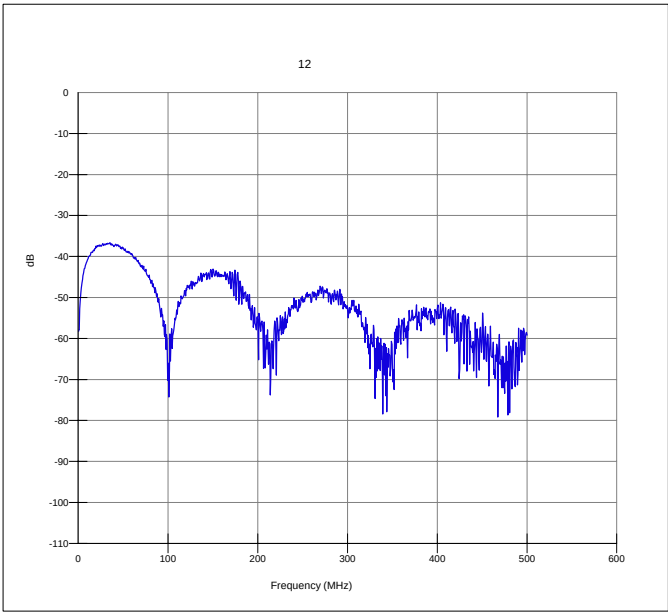
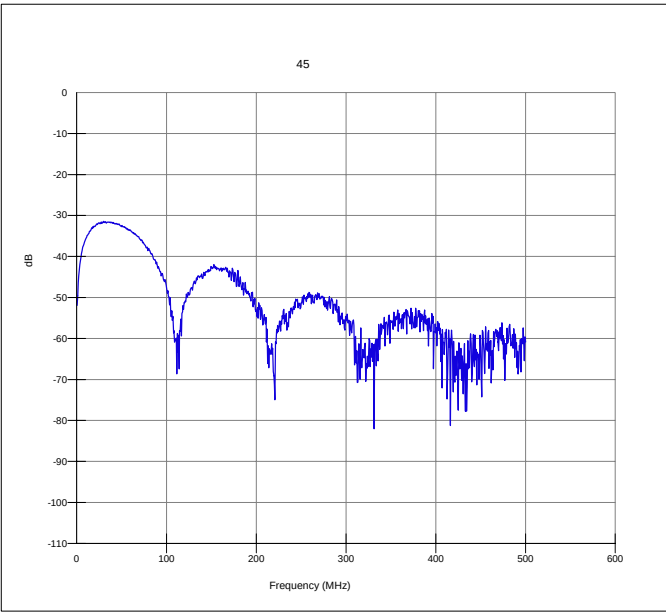
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/30/2013 1:34:40 PM           | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | A                |
| Operator Name | John Cash                      | Test Status | Complies         |





TCTL Far

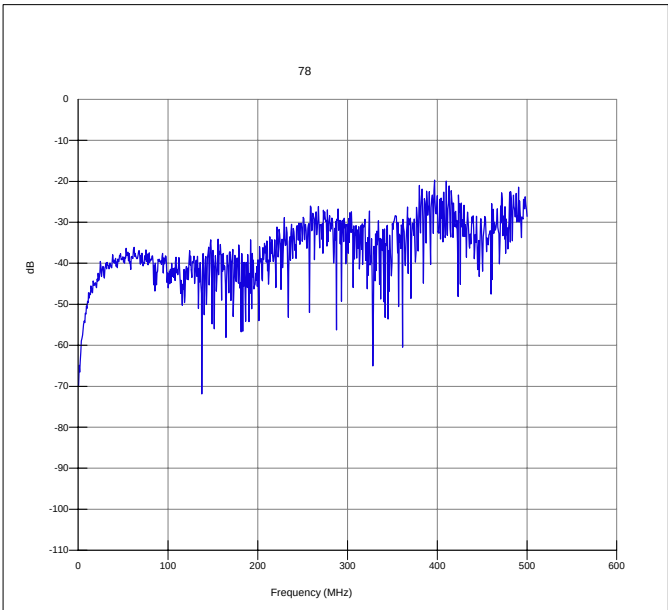
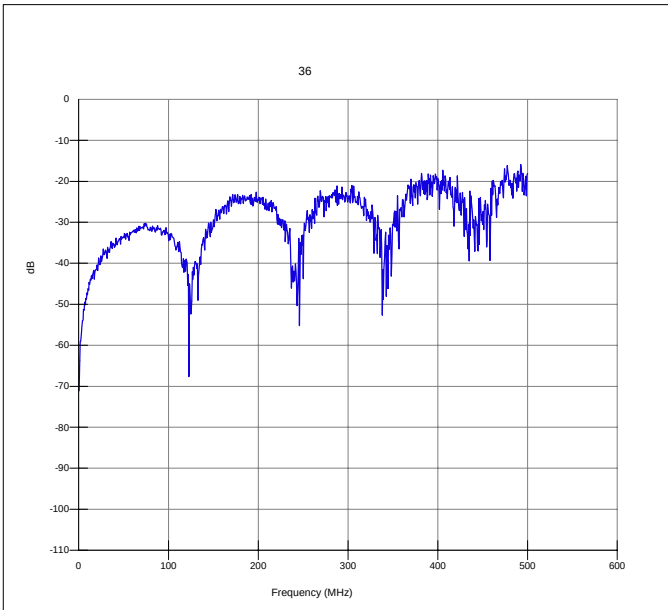
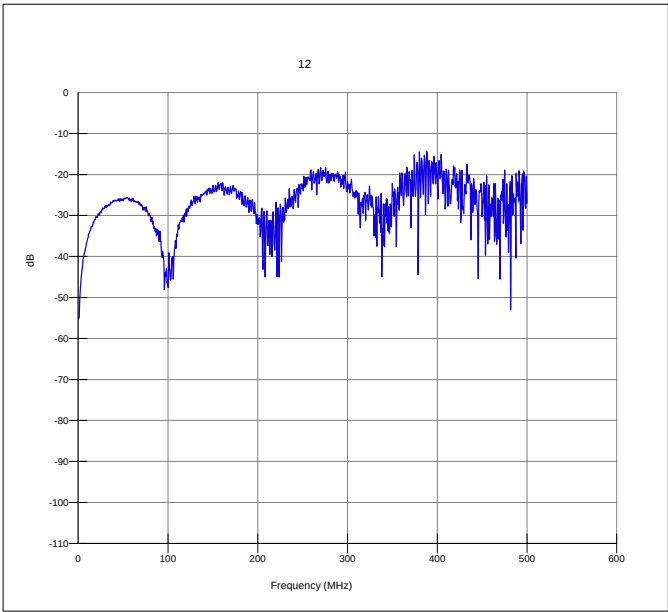
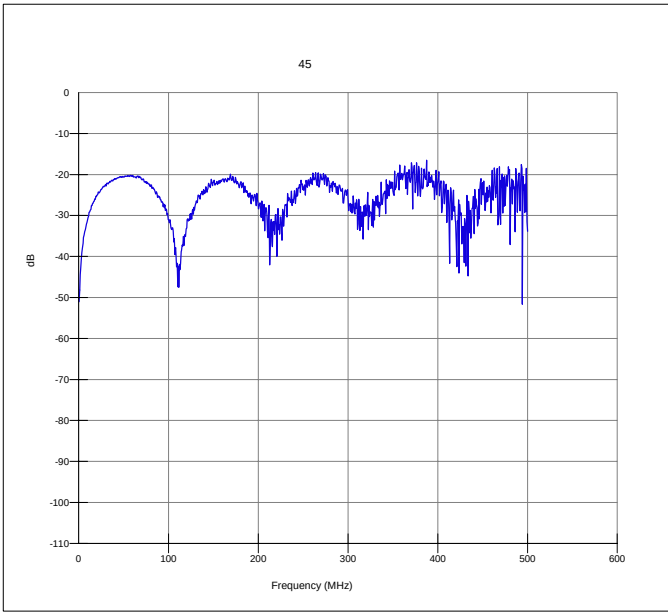
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/30/2013 1:34:40 PM           | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | A                |
| Operator Name | John Cash                      | Test Status | Complies         |





ELTCTL Near

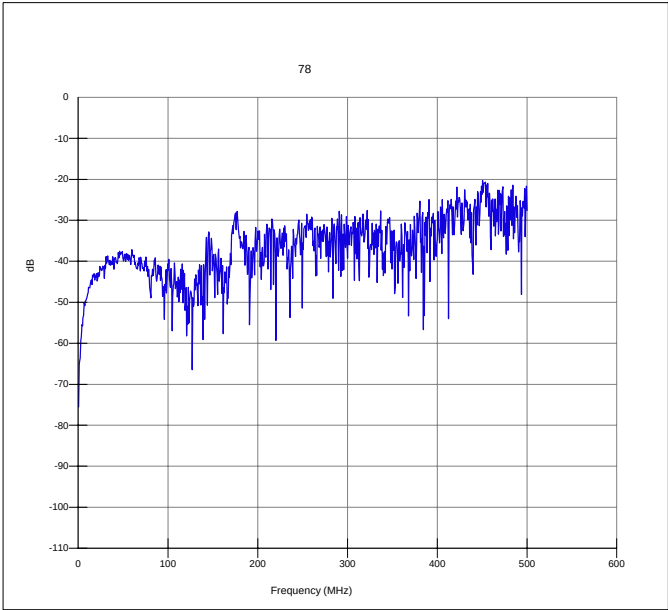
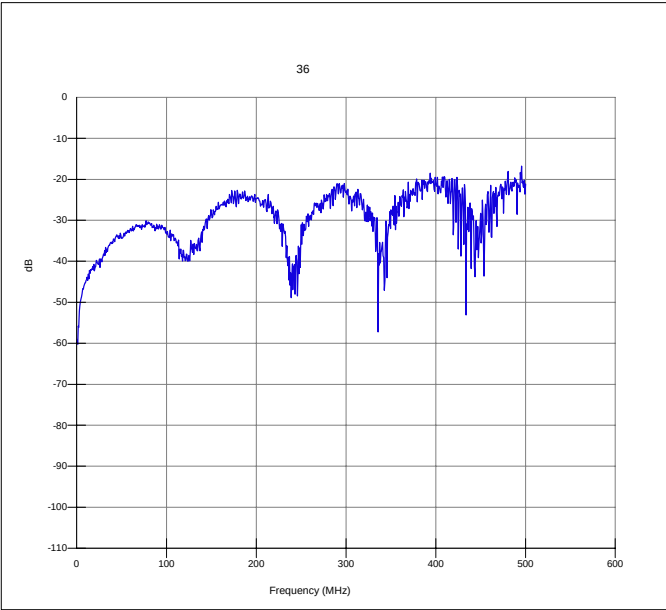
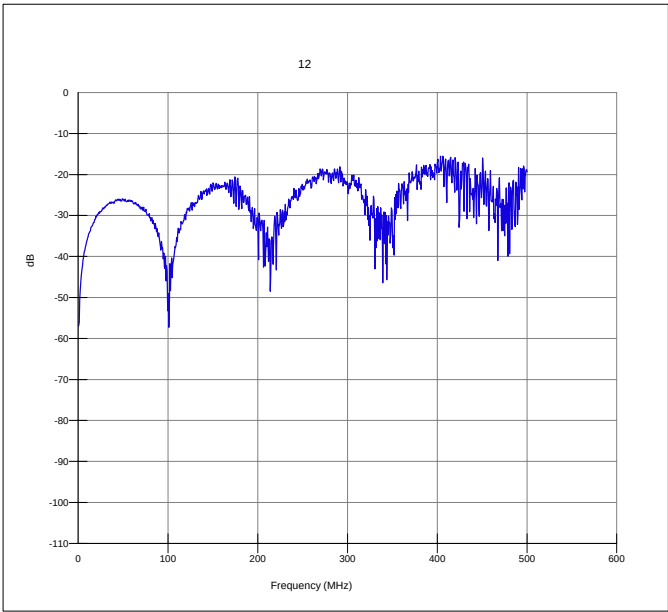
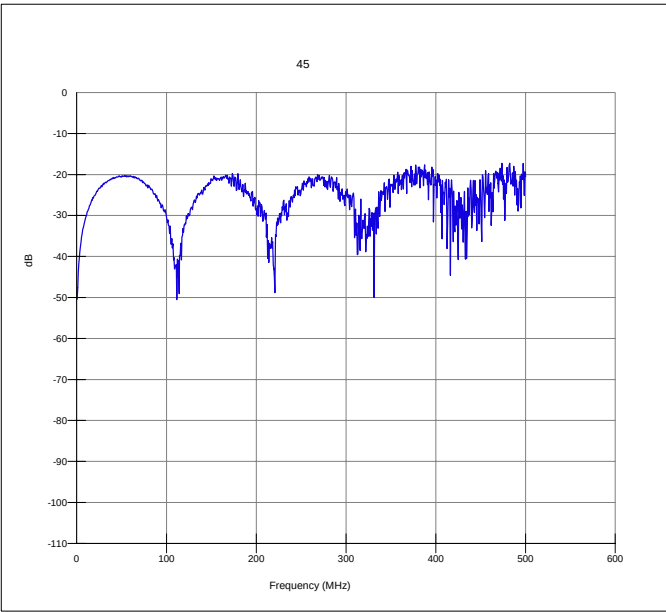
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/30/2013 1:34:40 PM           | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | A                |
| Operator Name | John Cash                      | Test Status | Complies         |





ELTCTL Far

|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/30/2013 1:34:40 PM           | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | A                |
| Operator Name | John Cash                      | Test Status | Complies         |





**Appendix B**

External (alien) test results

This appendix contains 59 pages.



## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| Attenuation Near End (dB) |            |            |            |            |
|---------------------------|------------|------------|------------|------------|
| Frequency                 | Victim, 45 | Victim, 12 | Victim, 36 | Victim, 78 |
| 0.772                     | -1.66      | -1.54      | -1.59      | -1.52      |
| 1.                        | -1.88      | -1.76      | -1.79      | -1.72      |
| 4.                        | -3.36      | -3.23      | -3.25      | -3.15      |
| 8.                        | -4.65      | -4.51      | -4.54      | -4.44      |
| 10.                       | -5.21      | -5.08      | -5.10      | -4.99      |
| 16.                       | -6.66      | -6.52      | -6.55      | -6.43      |
| 20.                       | -7.51      | -7.36      | -7.38      | -7.26      |
| 25.                       | -8.45      | -8.29      | -8.31      | -8.18      |
| 31.25                     | -9.51      | -9.32      | -9.34      | -9.20      |
| 62.5                      | -13.56     | -13.29     | -13.31     | -13.14     |
| 100.                      | -17.16     | -16.90     | -16.93     | -16.74     |
| 150.                      | -21.39     | -21.00     | -20.93     | -20.69     |
| 155.                      | -21.75     | -21.39     | -21.32     | -21.05     |
| 200.                      | -24.75     | -24.33     | -24.34     | -24.10     |
| 250.                      | -27.66     | -27.35     | -27.33     | -27.02     |
| 300.                      | -30.44     | -30.25     | -30.07     | -29.74     |
| 350.                      | -33.28     | -32.64     | -32.67     | -32.38     |
| 400.                      | -36.00     | -35.53     | -35.29     | -34.87     |
| 450.                      | -37.95     | -37.74     | -37.55     | -37.08     |
| 500.                      | -40.36     | -39.85     | -40.00     | -39.21     |



## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| Attenuation Near End (dB) |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|
| Frequency                 | CH #1, 45 | CH #1, 12 | CH #1, 36 | CH #1, 78 |
| 0.772                     | -1.66     | -1.54     | -1.59     | -1.52     |
| 1.                        | -1.88     | -1.76     | -1.79     | -1.72     |
| 4.                        | -3.36     | -3.22     | -3.25     | -3.15     |
| 8.                        | -4.65     | -4.51     | -4.54     | -4.44     |
| 10.                       | -5.21     | -5.08     | -5.10     | -4.99     |
| 16.                       | -6.66     | -6.52     | -6.55     | -6.43     |
| 20.                       | -7.50     | -7.36     | -7.38     | -7.26     |
| 25.                       | -8.45     | -8.29     | -8.31     | -8.18     |
| 31.25                     | -9.51     | -9.32     | -9.34     | -9.20     |
| 62.5                      | -13.56    | -13.29    | -13.31    | -13.14    |
| 100.                      | -17.15    | -16.91    | -16.93    | -16.74    |
| 150.                      | -21.38    | -21.00    | -20.92    | -20.69    |
| 155.                      | -21.74    | -21.39    | -21.32    | -21.04    |
| 200.                      | -24.75    | -24.33    | -24.35    | -24.10    |
| 250.                      | -27.66    | -27.35    | -27.33    | -27.02    |
| 300.                      | -30.43    | -30.26    | -30.06    | -29.75    |
| 350.                      | -33.29    | -32.65    | -32.67    | -32.38    |
| 400.                      | -36.00    | -35.55    | -35.29    | -34.86    |
| 450.                      | -37.95    | -37.72    | -37.55    | -37.10    |
| 500.                      | -40.30    | -39.91    | -39.95    | -39.21    |





## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| Attenuation Near End (dB) |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|
| Frequency                 | CH #2, 45 | CH #2, 12 | CH #2, 36 | CH #2, 78 |
| 0.772                     | -1.66     | -1.54     | -1.59     | -1.51     |
| 1.                        | -1.89     | -1.76     | -1.79     | -1.71     |
| 4.                        | -3.36     | -3.22     | -3.24     | -3.15     |
| 8.                        | -4.65     | -4.51     | -4.54     | -4.43     |
| 10.                       | -5.21     | -5.07     | -5.10     | -4.99     |
| 16.                       | -6.66     | -6.52     | -6.55     | -6.42     |
| 20.                       | -7.50     | -7.36     | -7.38     | -7.25     |
| 25.                       | -8.45     | -8.29     | -8.31     | -8.18     |
| 31.25                     | -9.51     | -9.32     | -9.34     | -9.20     |
| 62.5                      | -13.56    | -13.28    | -13.30    | -13.13    |
| 100.                      | -17.15    | -16.90    | -16.92    | -16.73    |
| 150.                      | -21.38    | -20.99    | -20.91    | -20.68    |
| 155.                      | -21.74    | -21.38    | -21.31    | -21.04    |
| 200.                      | -24.74    | -24.32    | -24.33    | -24.09    |
| 250.                      | -27.65    | -27.33    | -27.30    | -27.00    |
| 300.                      | -30.42    | -30.24    | -30.04    | -29.73    |
| 350.                      | -33.28    | -32.62    | -32.64    | -32.35    |
| 400.                      | -35.99    | -35.53    | -35.26    | -34.83    |
| 450.                      | -37.92    | -37.70    | -37.53    | -37.06    |
| 500.                      | -40.30    | -39.86    | -39.92    | -39.16    |



## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| Attenuation Near End (dB) |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|
| Frequency                 | CH #3, 45 | CH #3, 12 | CH #3, 36 | CH #3, 78 |
| 0.772                     | -1.66     | -1.53     | -1.58     | -1.51     |
| 1.                        | -1.88     | -1.76     | -1.79     | -1.71     |
| 4.                        | -3.35     | -3.22     | -3.24     | -3.14     |
| 8.                        | -4.64     | -4.51     | -4.54     | -4.43     |
| 10.                       | -5.21     | -5.07     | -5.09     | -4.99     |
| 16.                       | -6.66     | -6.52     | -6.54     | -6.42     |
| 20.                       | -7.50     | -7.35     | -7.37     | -7.25     |
| 25.                       | -8.44     | -8.28     | -8.30     | -8.17     |
| 31.25                     | -9.50     | -9.31     | -9.33     | -9.19     |
| 62.5                      | -13.55    | -13.28    | -13.30    | -13.12    |
| 100.                      | -17.14    | -16.89    | -16.90    | -16.73    |
| 150.                      | -21.37    | -20.98    | -20.90    | -20.66    |
| 155.                      | -21.73    | -21.37    | -21.29    | -21.03    |
| 200.                      | -24.73    | -24.30    | -24.32    | -24.08    |
| 250.                      | -27.63    | -27.32    | -27.29    | -26.99    |
| 300.                      | -30.41    | -30.23    | -30.03    | -29.71    |
| 350.                      | -33.26    | -32.60    | -32.63    | -32.34    |
| 400.                      | -35.95    | -35.51    | -35.23    | -34.81    |
| 450.                      | -37.88    | -37.69    | -37.51    | -37.06    |
| 500.                      | -40.27    | -39.84    | -39.90    | -39.15    |



## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| Attenuation Near End (dB) |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|
| Frequency                 | CH #4, 45 | CH #4, 12 | CH #4, 36 | CH #4, 78 |
| 0.772                     | -1.66     | -1.53     | -1.58     | -1.51     |
| 1.                        | -1.88     | -1.75     | -1.79     | -1.72     |
| 4.                        | -3.35     | -3.22     | -3.24     | -3.15     |
| 8.                        | -4.64     | -4.50     | -4.54     | -4.43     |
| 10.                       | -5.20     | -5.07     | -5.10     | -4.99     |
| 16.                       | -6.66     | -6.52     | -6.54     | -6.42     |
| 20.                       | -7.50     | -7.35     | -7.38     | -7.25     |
| 25.                       | -8.44     | -8.28     | -8.30     | -8.18     |
| 31.25                     | -9.50     | -9.31     | -9.33     | -9.20     |
| 62.5                      | -13.55    | -13.28    | -13.30    | -13.13    |
| 100.                      | -17.14    | -16.89    | -16.92    | -16.73    |
| 150.                      | -21.36    | -20.99    | -20.90    | -20.68    |
| 155.                      | -21.73    | -21.37    | -21.30    | -21.04    |
| 200.                      | -24.73    | -24.31    | -24.33    | -24.09    |
| 250.                      | -27.63    | -27.33    | -27.30    | -27.00    |
| 300.                      | -30.40    | -30.23    | -30.03    | -29.73    |
| 350.                      | -33.25    | -32.61    | -32.63    | -32.36    |
| 400.                      | -35.95    | -35.53    | -35.24    | -34.84    |
| 450.                      | -37.89    | -37.67    | -37.53    | -37.08    |
| 500.                      | -40.28    | -39.82    | -39.90    | -39.21    |



## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

| Attenuation Near End (dB) |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|
| Frequency                 | CH #5, 45 | CH #5, 12 | CH #5, 36 | CH #5, 78 |
| 0.772                     | -1.66     | -1.53     | -1.59     | -1.52     |
| 1.                        | -1.88     | -1.76     | -1.79     | -1.72     |
| 4.                        | -3.35     | -3.22     | -3.24     | -3.15     |
| 8.                        | -4.64     | -4.51     | -4.54     | -4.44     |
| 10.                       | -5.21     | -5.07     | -5.10     | -4.99     |
| 16.                       | -6.66     | -6.52     | -6.55     | -6.43     |
| 20.                       | -7.50     | -7.35     | -7.38     | -7.25     |
| 25.                       | -8.45     | -8.29     | -8.31     | -8.18     |
| 31.25                     | -9.50     | -9.32     | -9.34     | -9.20     |
| 62.5                      | -13.56    | -13.28    | -13.31    | -13.14    |
| 100.                      | -17.15    | -16.90    | -16.92    | -16.74    |
| 150.                      | -21.38    | -20.99    | -20.91    | -20.68    |
| 155.                      | -21.73    | -21.38    | -21.31    | -21.04    |
| 200.                      | -24.73    | -24.31    | -24.33    | -24.10    |
| 250.                      | -27.64    | -27.33    | -27.31    | -27.01    |
| 300.                      | -30.42    | -30.24    | -30.05    | -29.74    |
| 350.                      | -33.26    | -32.61    | -32.65    | -32.37    |
| 400.                      | -35.96    | -35.53    | -35.25    | -34.83    |
| 450.                      | -37.91    | -37.69    | -37.52    | -37.08    |
| 500.                      | -40.29    | -39.83    | -39.92    | -39.20    |



## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

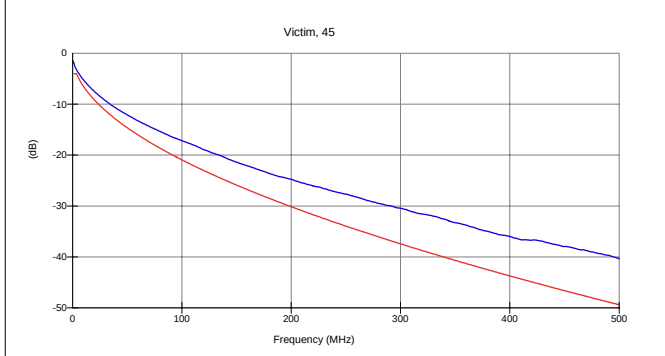
| Attenuation Near End (dB) |           |           |           |           |
|---------------------------|-----------|-----------|-----------|-----------|
| Frequency                 | CH #6, 45 | CH #6, 12 | CH #6, 36 | CH #6, 78 |
| 0.772                     | -1.66     | -1.53     | -1.59     | -1.51     |
| 1.                        | -1.88     | -1.76     | -1.79     | -1.71     |
| 4.                        | -3.35     | -3.22     | -3.24     | -3.15     |
| 8.                        | -4.65     | -4.51     | -4.53     | -4.44     |
| 10.                       | -5.21     | -5.07     | -5.10     | -4.99     |
| 16.                       | -6.66     | -6.52     | -6.55     | -6.43     |
| 20.                       | -7.50     | -7.35     | -7.38     | -7.26     |
| 25.                       | -8.45     | -8.29     | -8.31     | -8.18     |
| 31.25                     | -9.51     | -9.32     | -9.34     | -9.20     |
| 62.5                      | -13.56    | -13.28    | -13.31    | -13.13    |
| 100.                      | -17.15    | -16.90    | -16.92    | -16.74    |
| 150.                      | -21.38    | -20.98    | -20.92    | -20.69    |
| 155.                      | -21.74    | -21.37    | -21.31    | -21.04    |
| 200.                      | -24.74    | -24.32    | -24.34    | -24.10    |
| 250.                      | -27.65    | -27.34    | -27.32    | -27.02    |
| 300.                      | -30.42    | -30.25    | -30.05    | -29.74    |
| 350.                      | -33.28    | -32.62    | -32.66    | -32.37    |
| 400.                      | -35.96    | -35.54    | -35.26    | -34.84    |
| 450.                      | -37.92    | -37.70    | -37.55    | -37.10    |
| 500.                      | -40.29    | -39.84    | -39.94    | -39.19    |



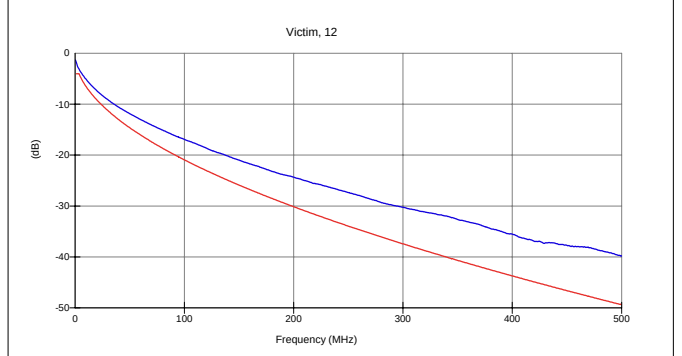
## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

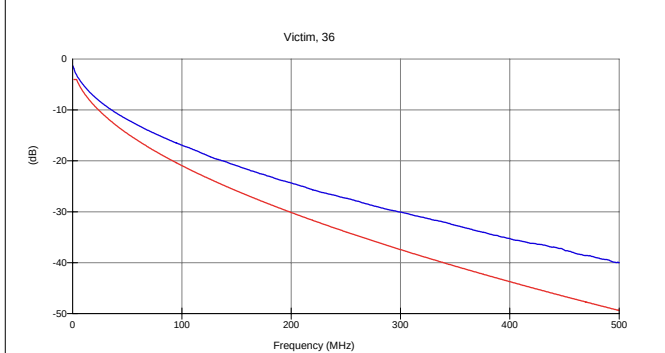
Limit Margin : 0.788 (dB) @ 3.622 MHz



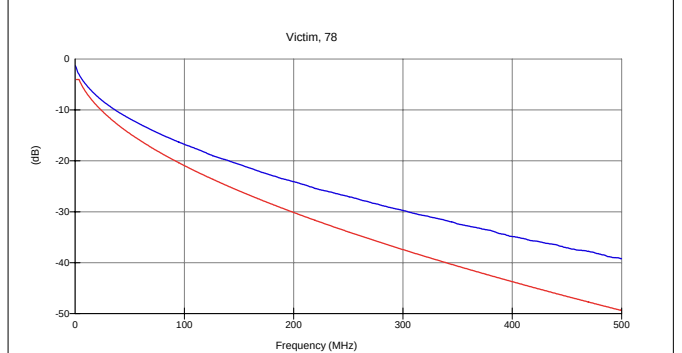
Limit Margin : 0.916 (dB) @ 3.622 MHz



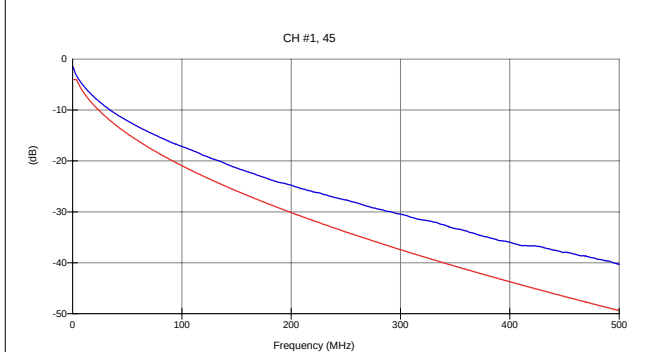
Limit Margin : 0.899 (dB) @ 3.622 MHz



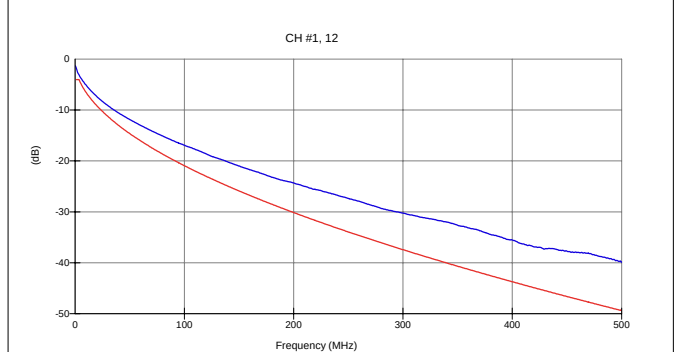
Limit Margin : 0.986 (dB) @ 3.622 MHz



Limit Margin : 0.786 (dB) @ 3.622 MHz



Limit Margin : 0.915 (dB) @ 3.622 MHz

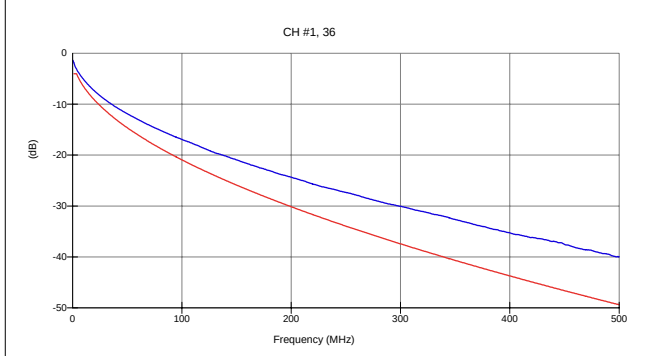




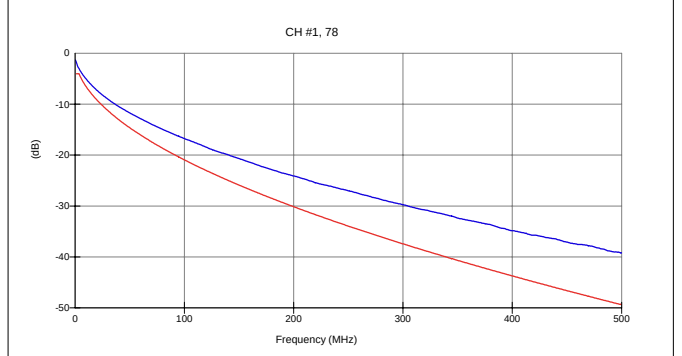
## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

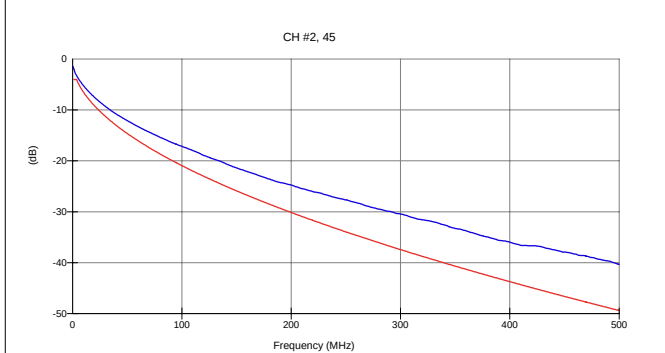
Limit Margin : 0.898 (dB) @ 3.622 MHz



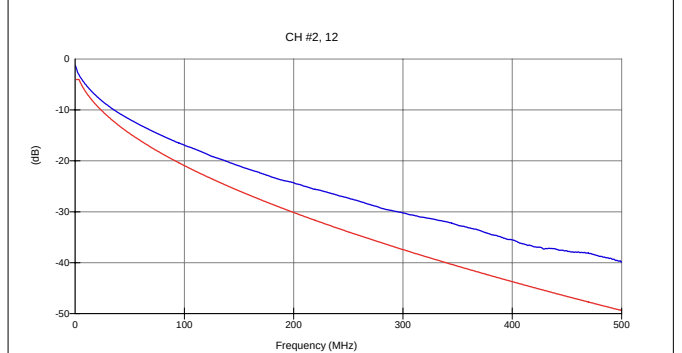
Limit Margin : 0.987 (dB) @ 3.622 MHz



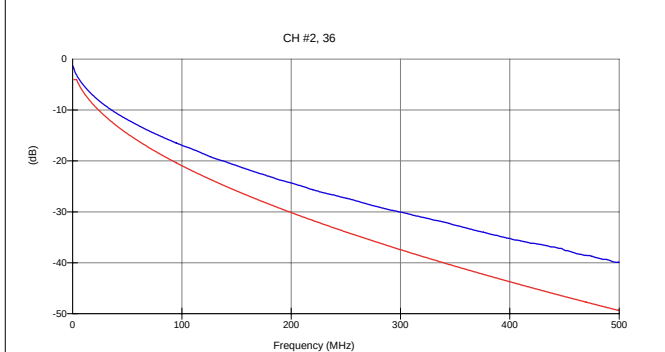
Limit Margin : 0.789 (dB) @ 3.622 MHz



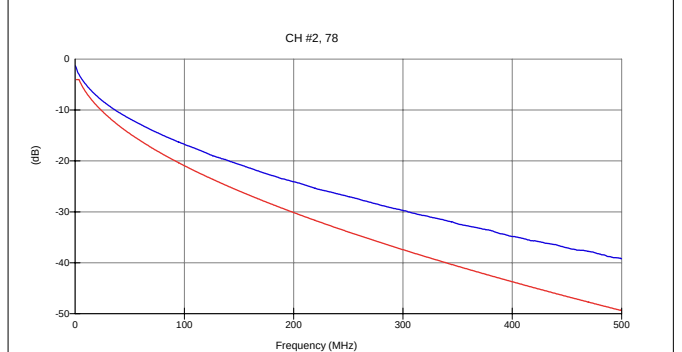
Limit Margin : 0.918 (dB) @ 3.622 MHz



Limit Margin : 0.901 (dB) @ 3.622 MHz



Limit Margin : 0.991 (dB) @ 3.622 MHz

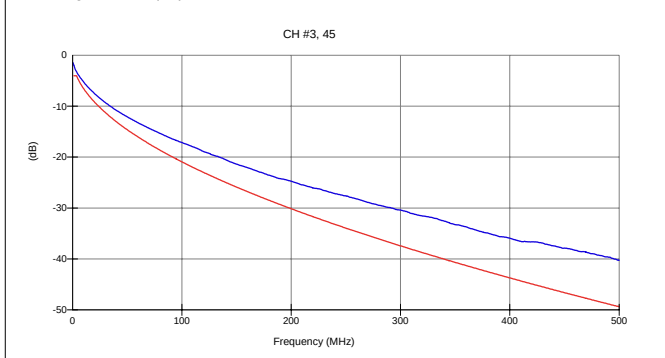




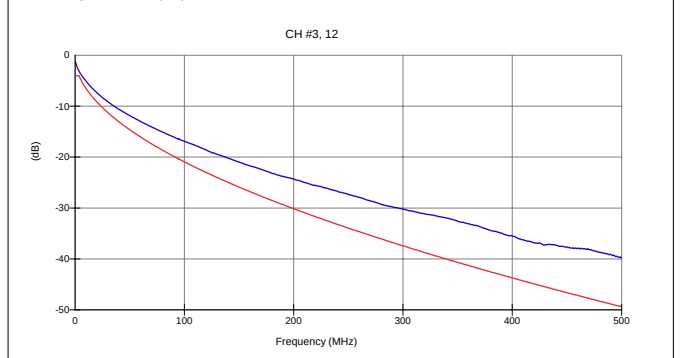
## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

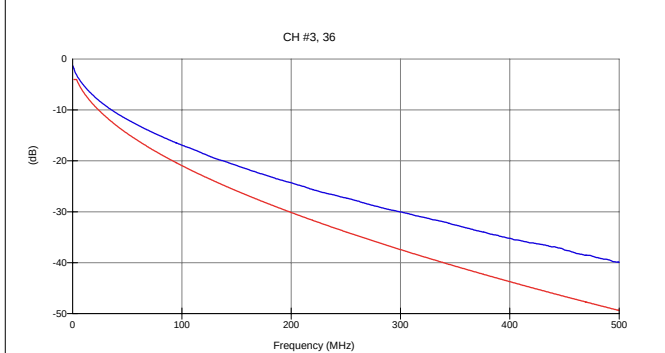
Limit Margin : 0.792 (dB) @ 3.622 MHz



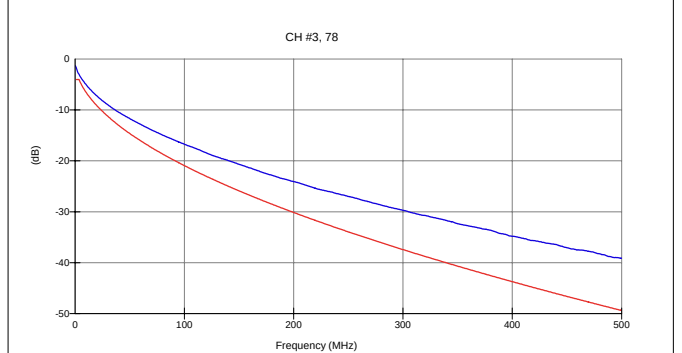
Limit Margin : 0.921 (dB) @ 3.622 MHz



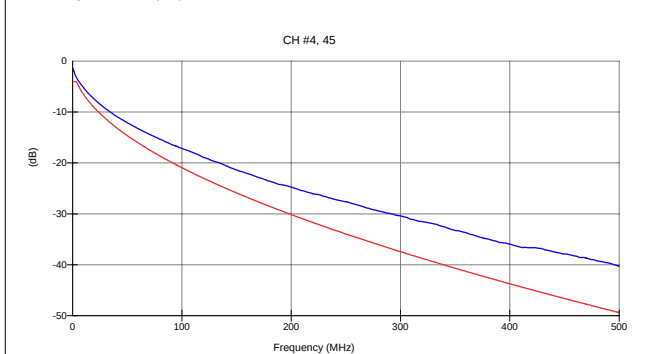
Limit Margin : 0.901 (dB) @ 3.622 MHz



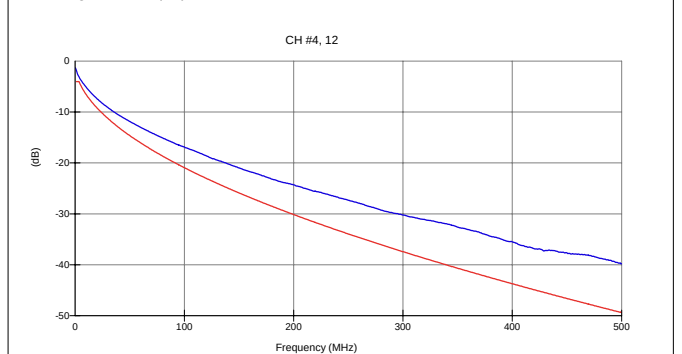
Limit Margin : 0.994 (dB) @ 3.622 MHz



Limit Margin : 0.792 (dB) @ 3.622 MHz



Limit Margin : 0.923 (dB) @ 3.622 MHz



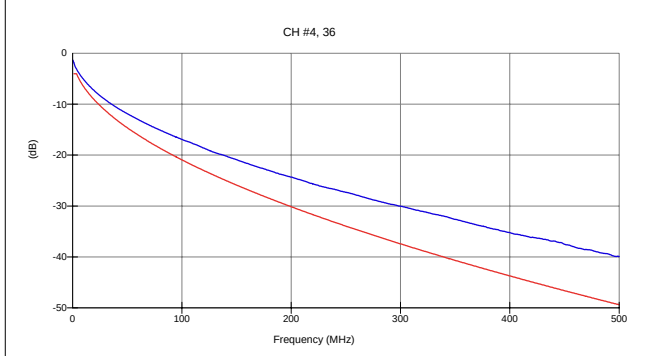




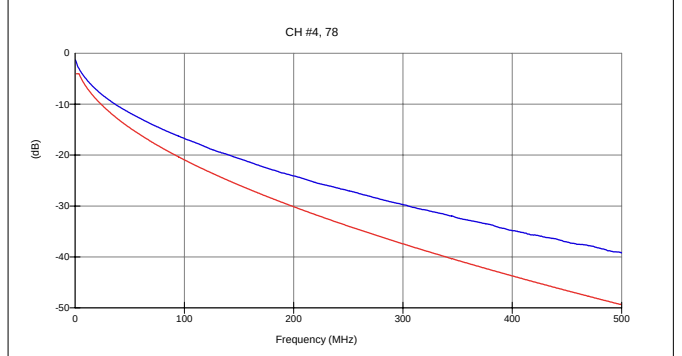
## Attenuation (Near End)

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

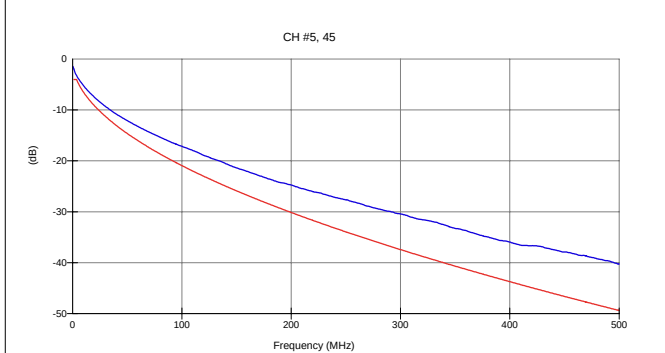
Limit Margin : 0.902 (dB) @ 3.622 MHz



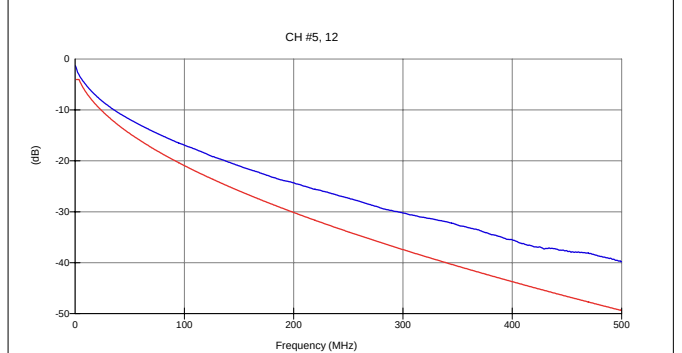
Limit Margin : 0.994 (dB) @ 3.622 MHz



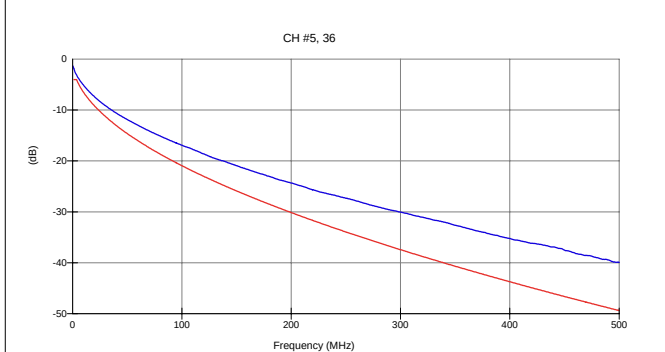
Limit Margin : 0.789 (dB) @ 3.622 MHz



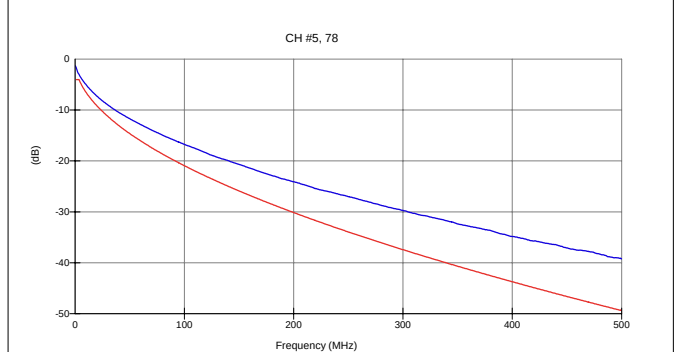
Limit Margin : 0.918 (dB) @ 3.622 MHz



Limit Margin : 0.901 (dB) @ 3.622 MHz



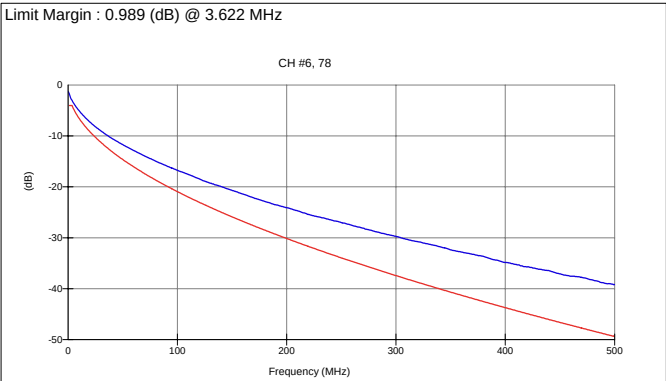
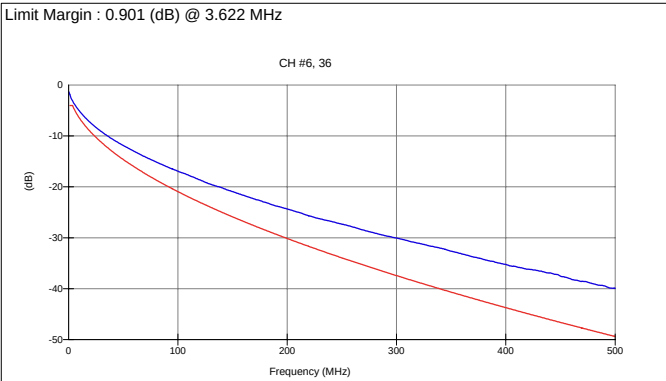
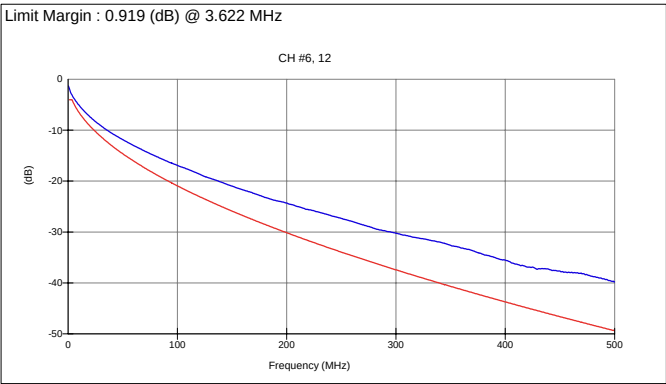
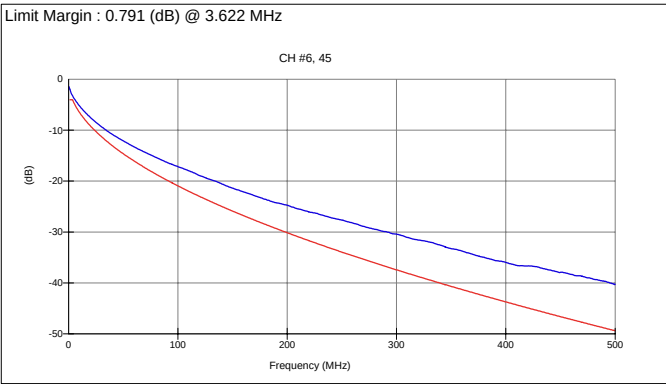
Limit Margin : 0.989 (dB) @ 3.622 MHz





Attenuation (Near End)

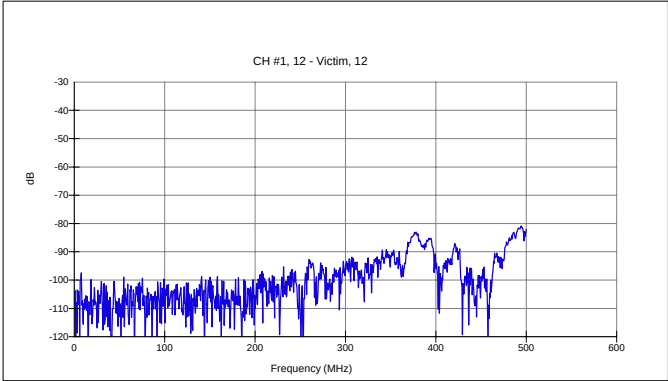
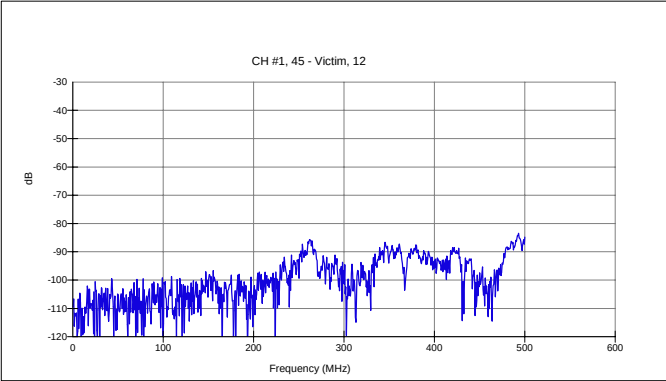
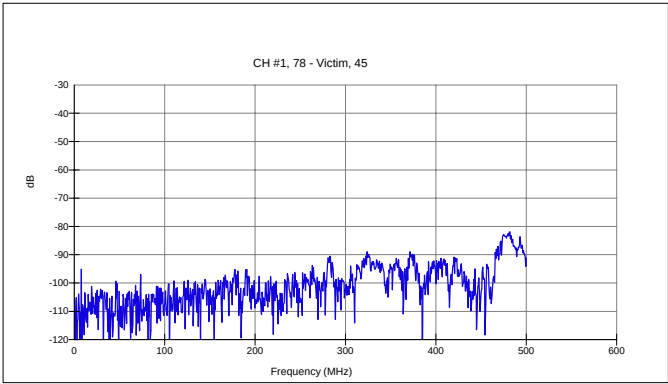
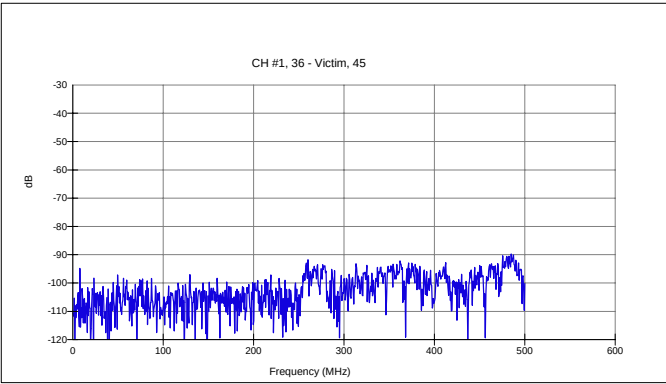
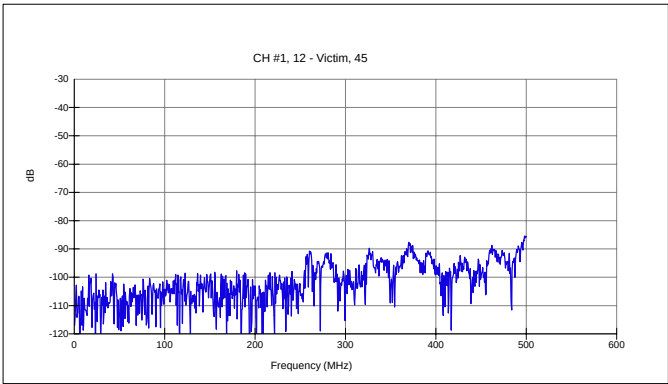
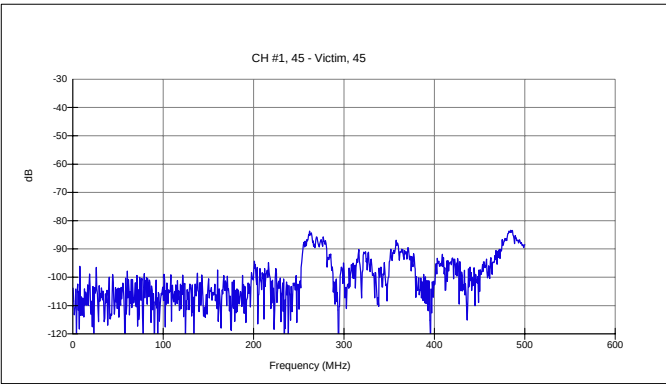
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Near

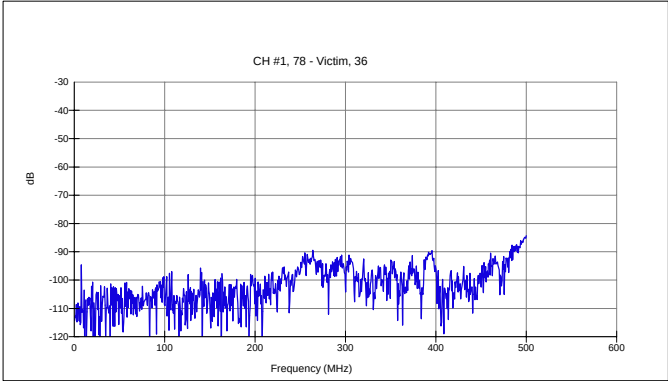
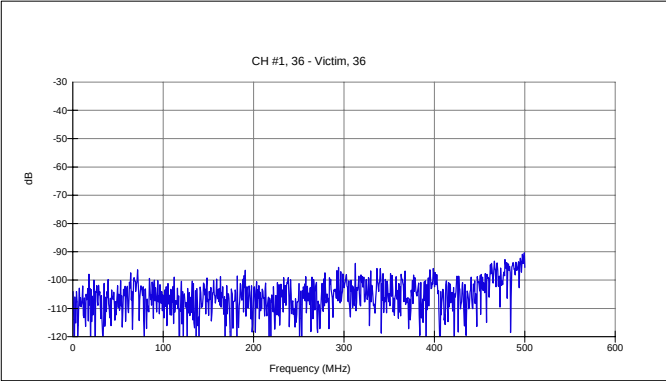
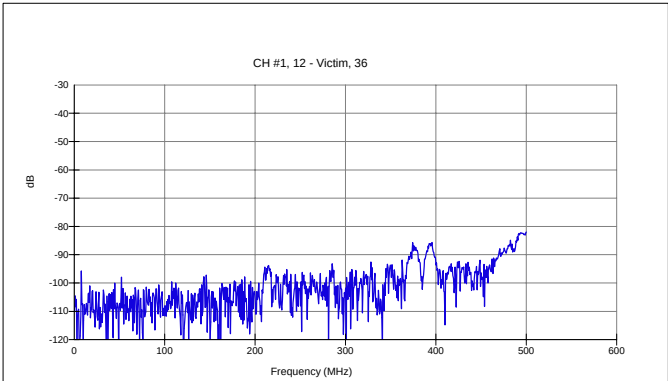
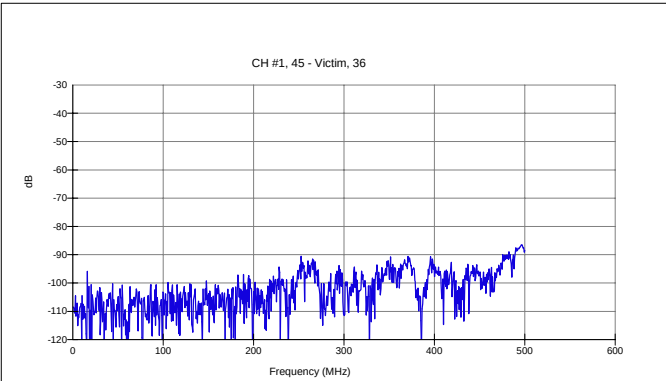
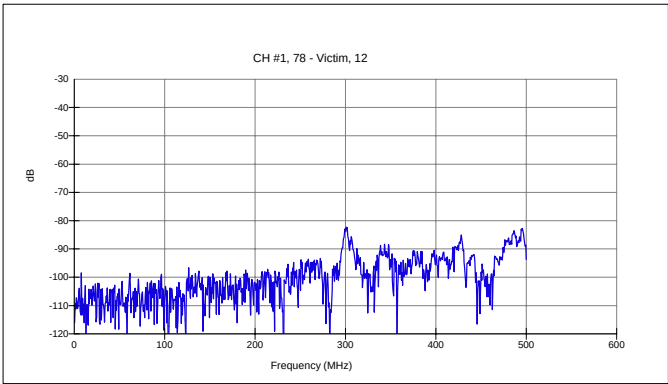
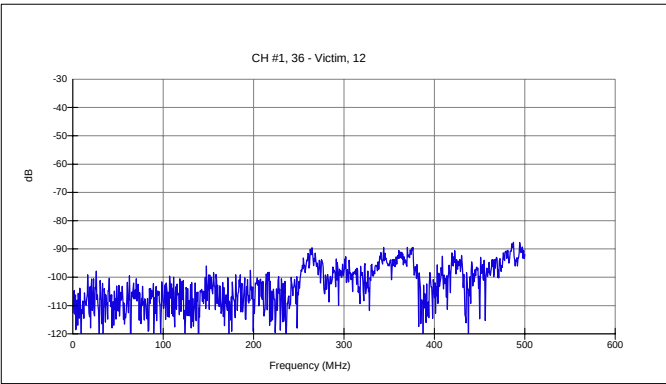
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Near

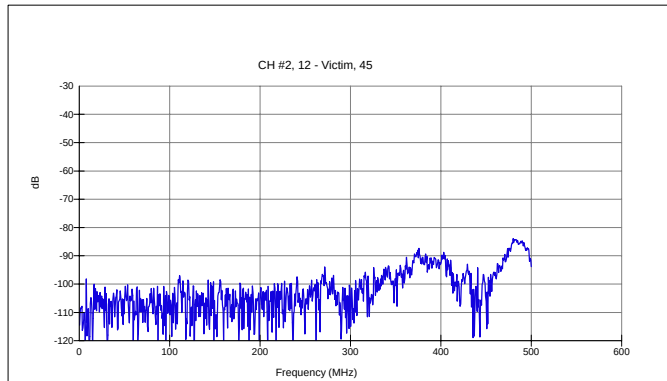
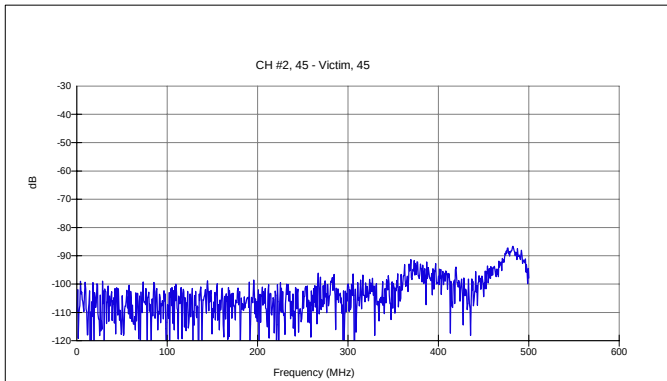
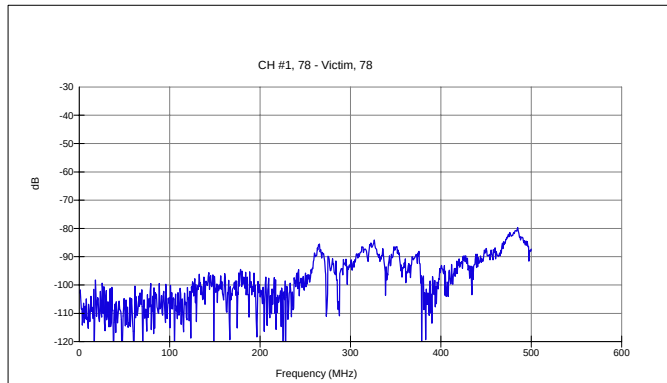
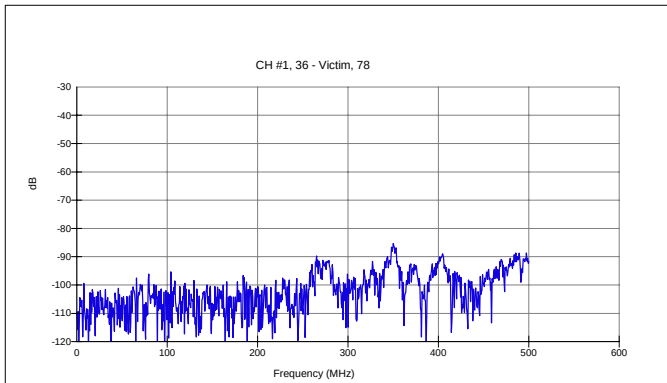
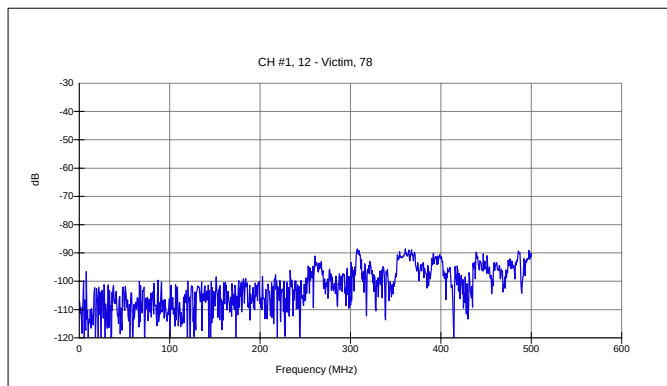
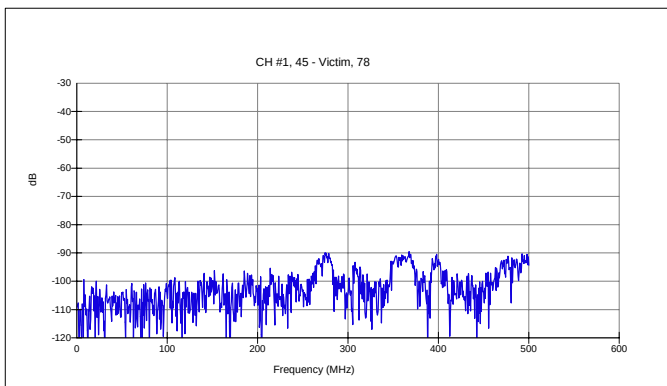
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





## ANEXT Near

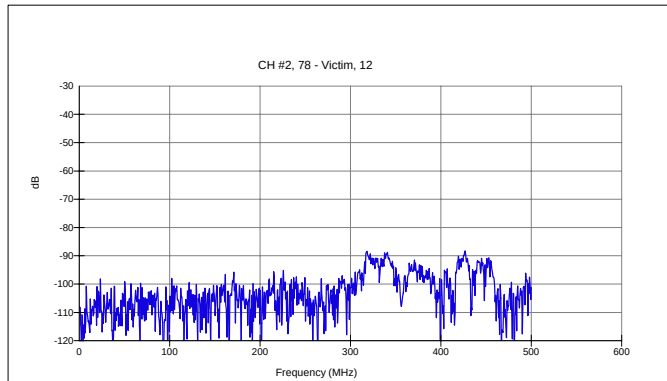
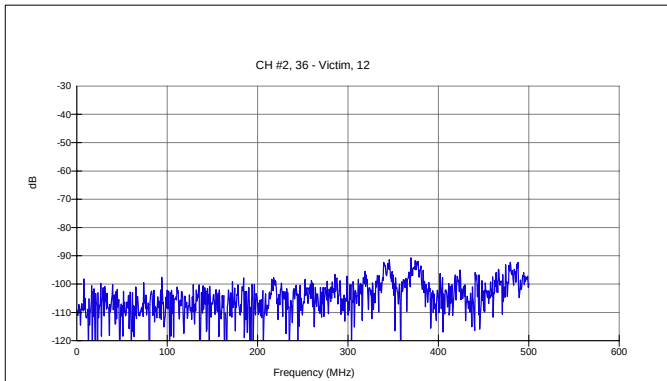
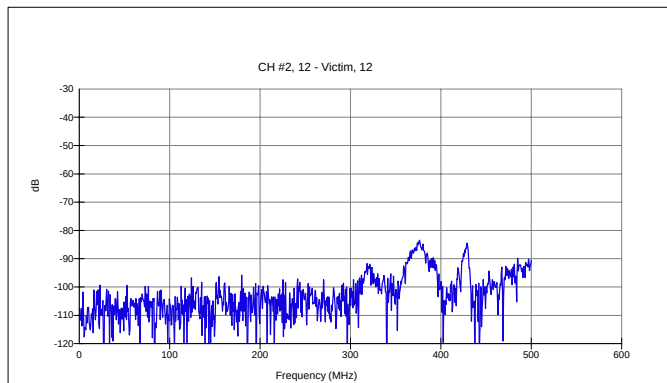
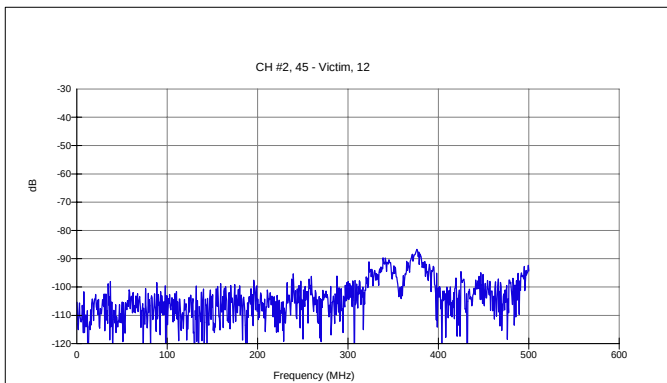
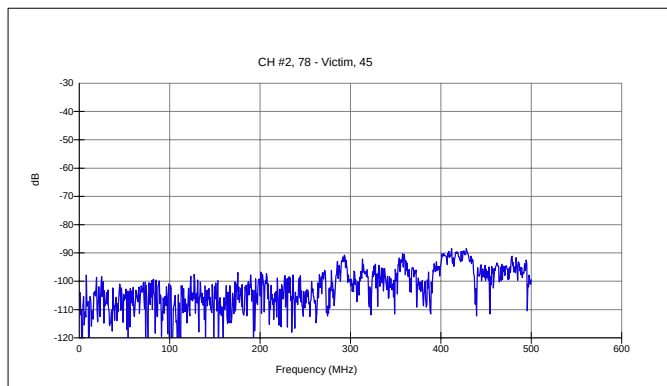
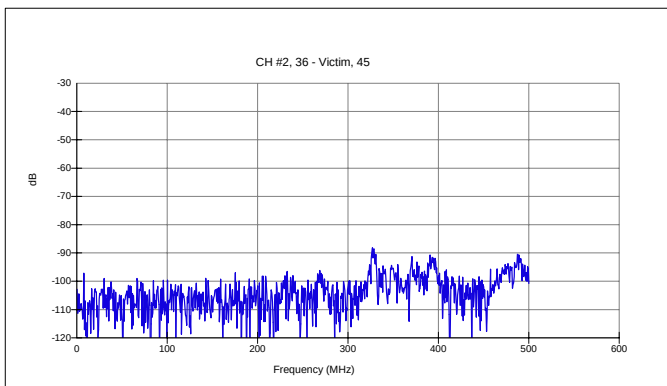
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## ANEXT Near

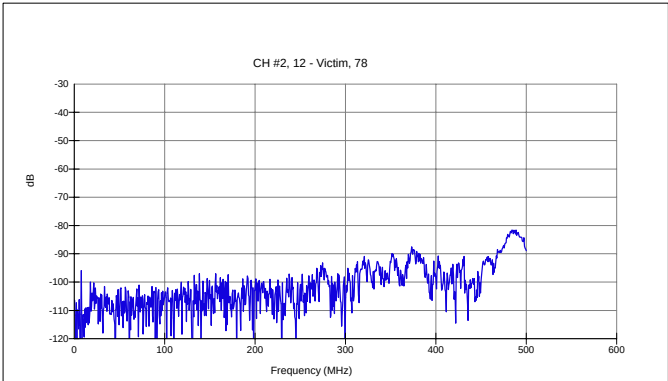
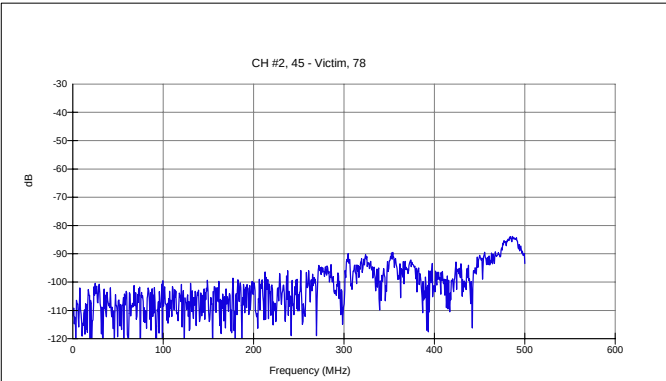
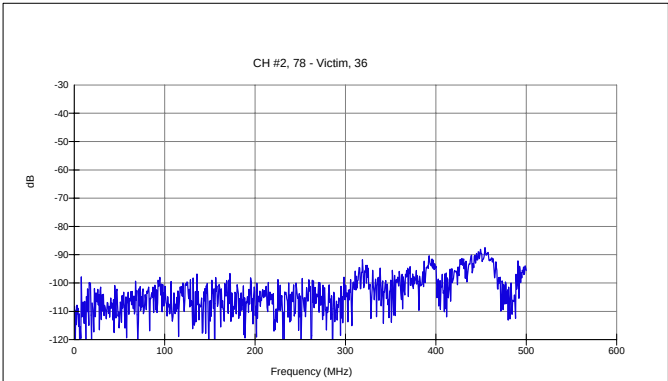
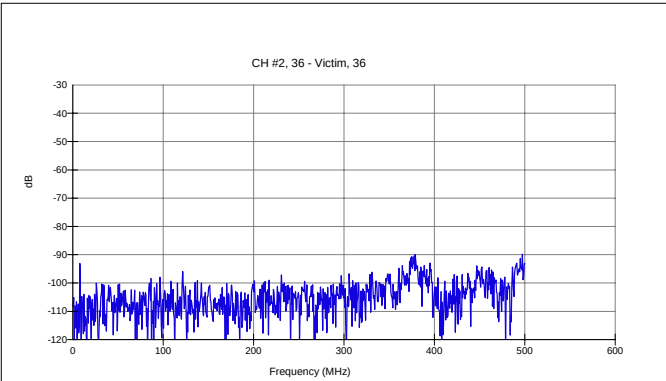
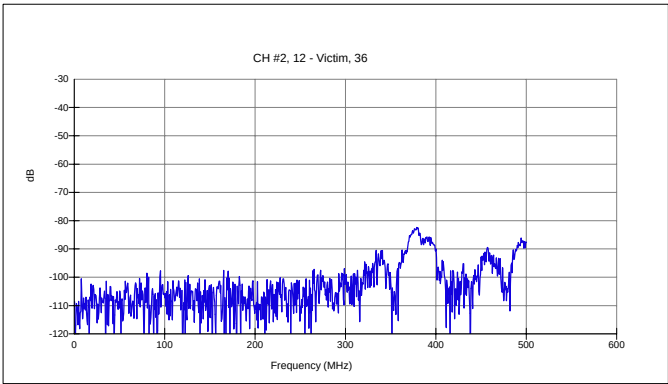
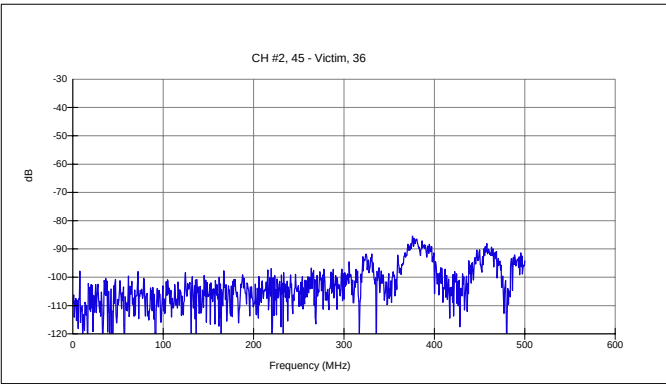
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





ANEXT Near

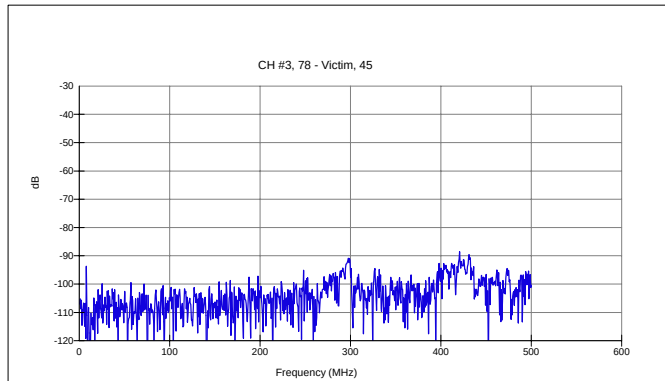
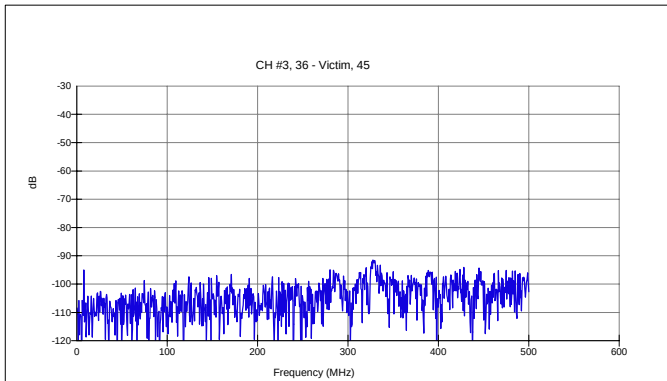
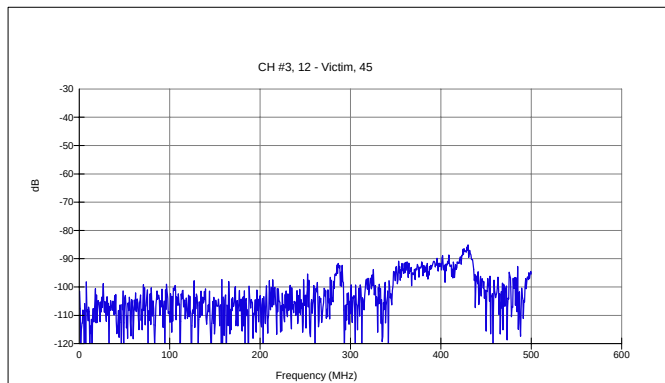
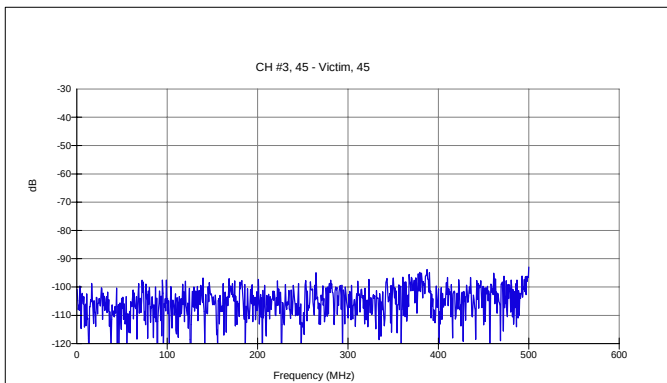
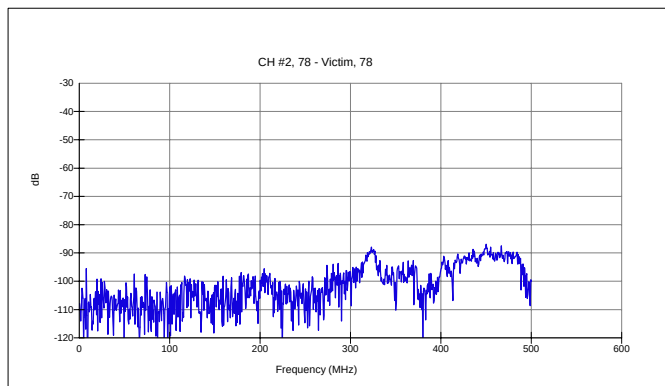
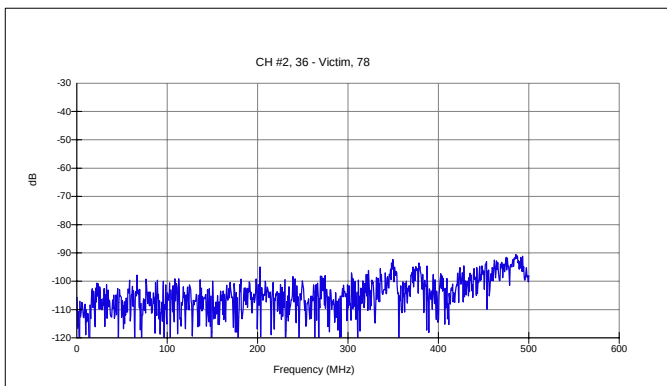
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





## ANEXT Near

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

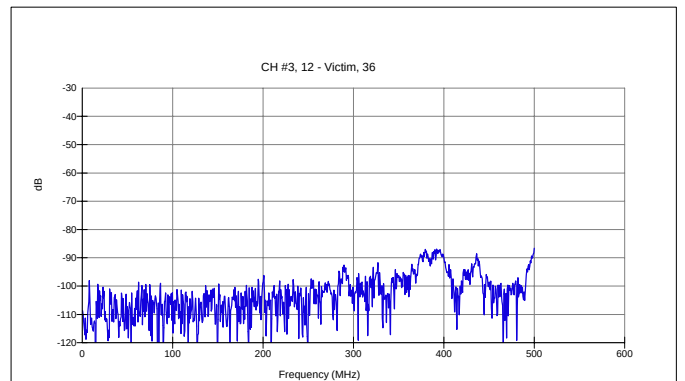
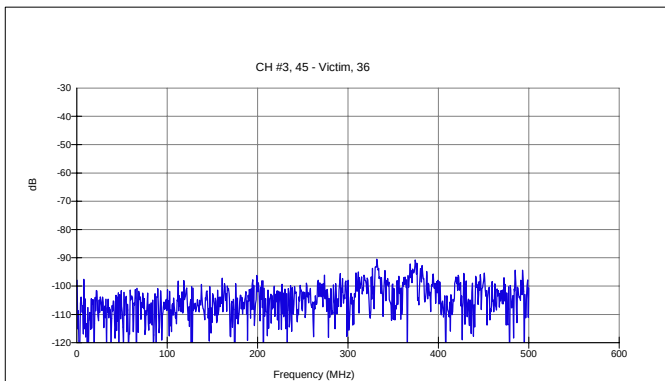
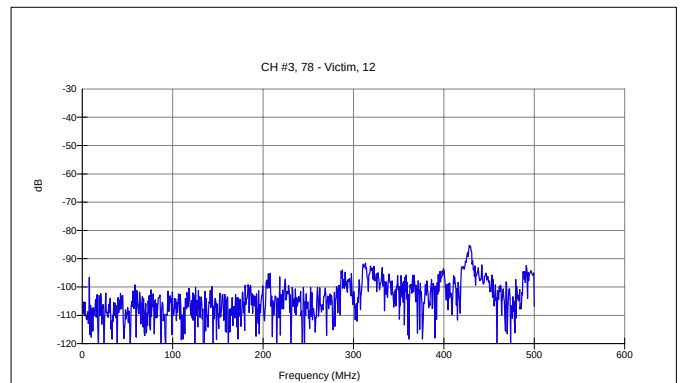
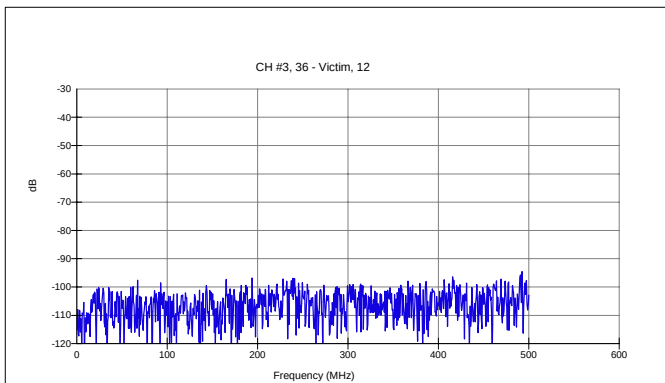
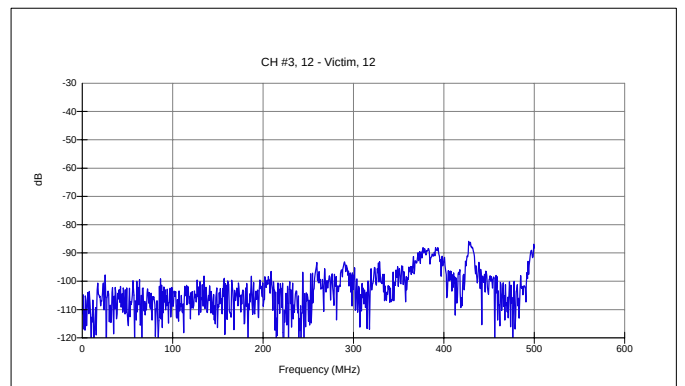
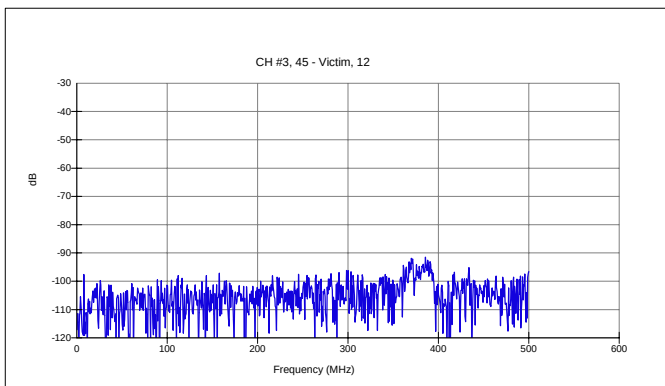






## ANEXT Near

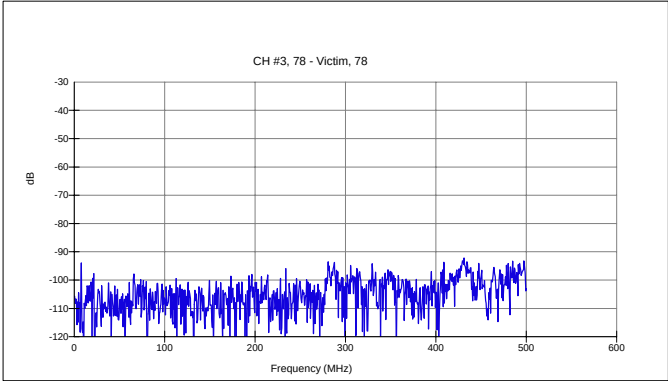
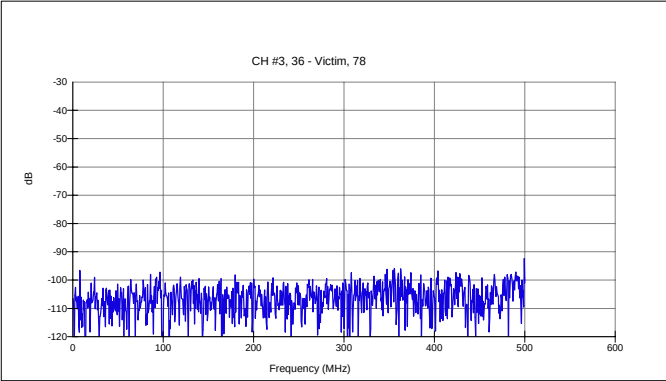
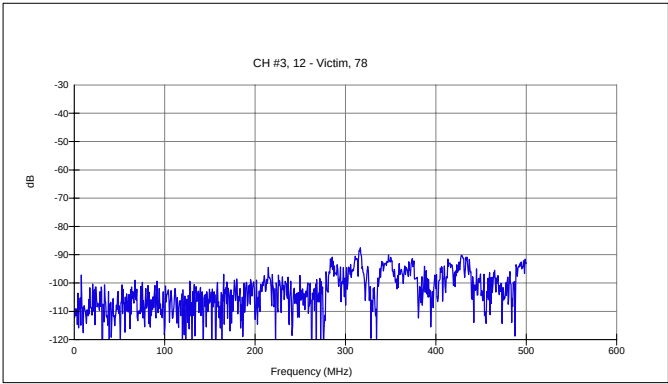
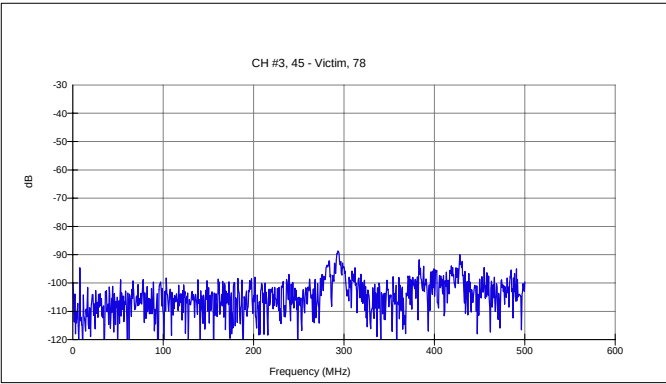
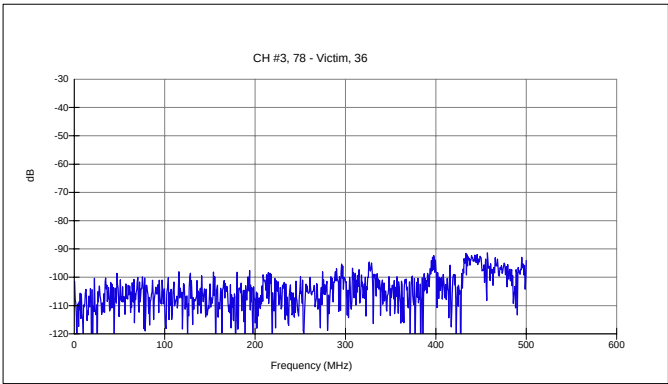
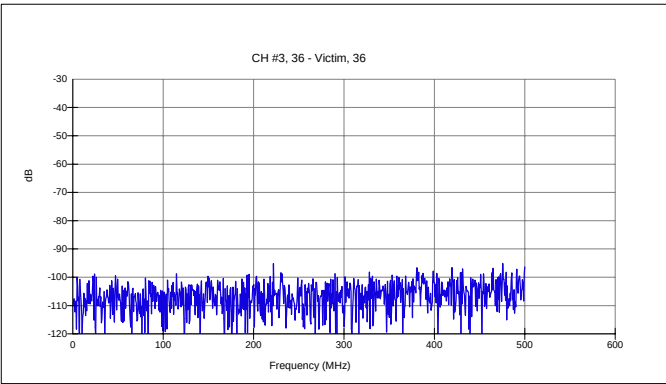
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





ANEXT Near

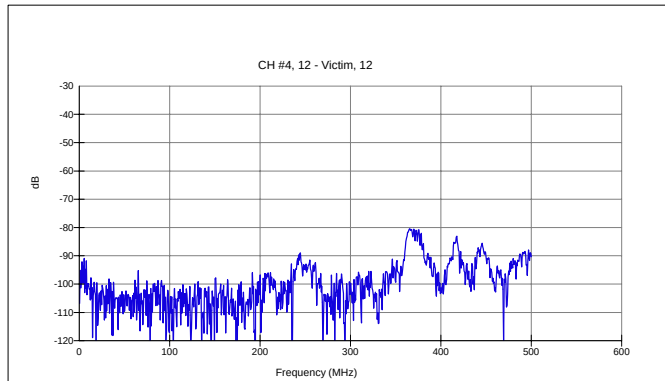
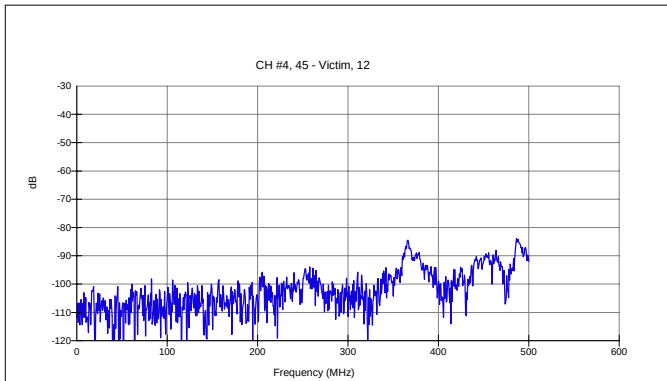
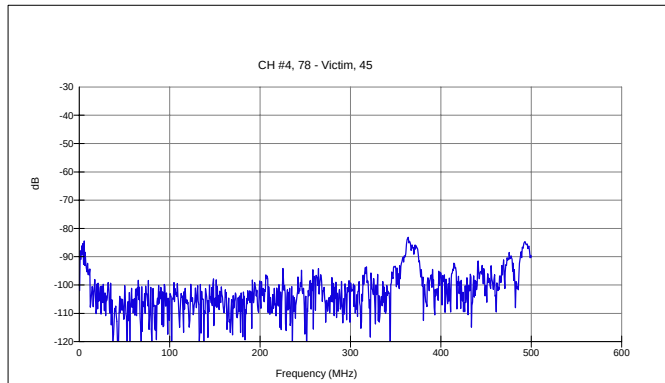
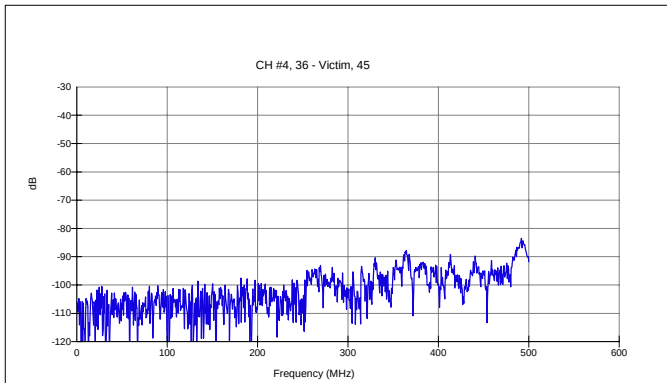
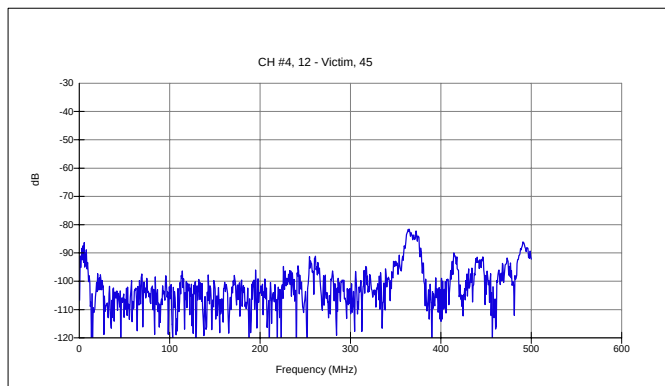
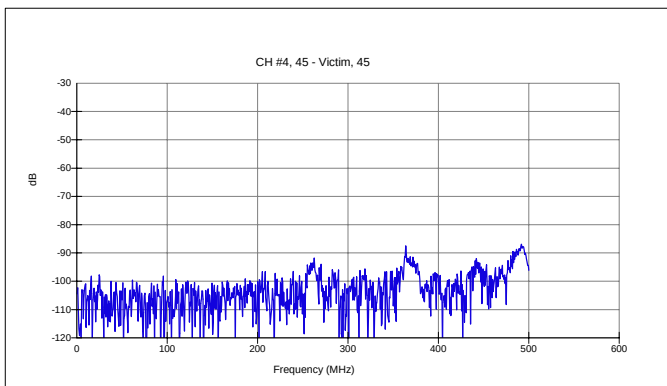
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





## ANEXT Near

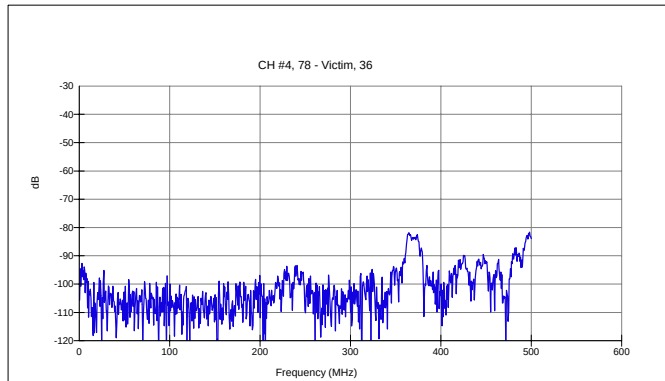
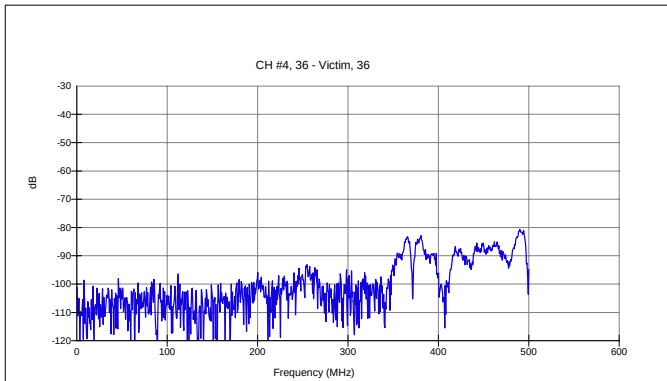
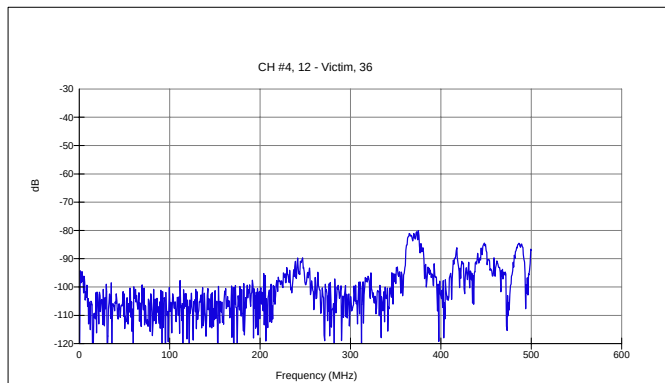
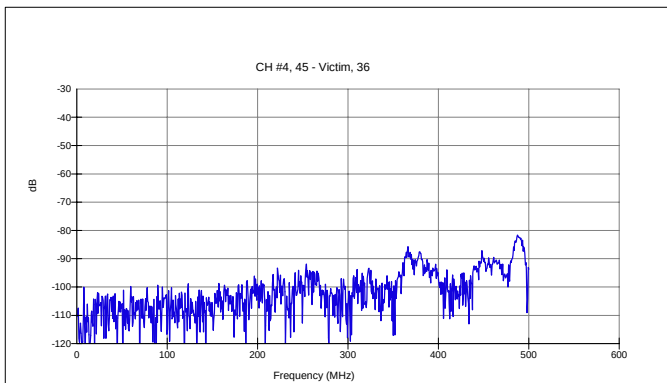
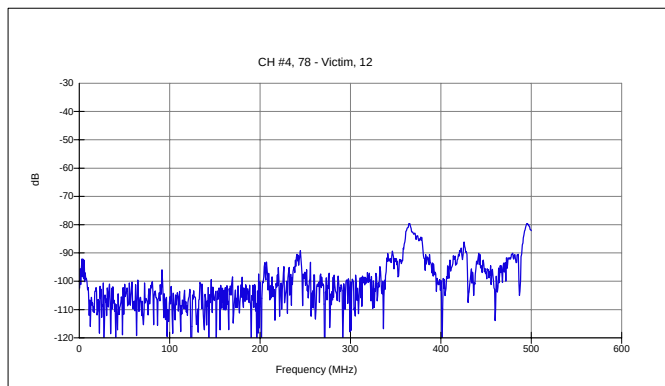
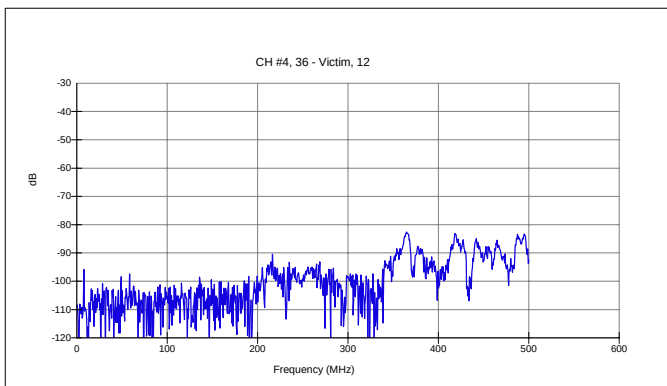
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|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## ANEXT Near

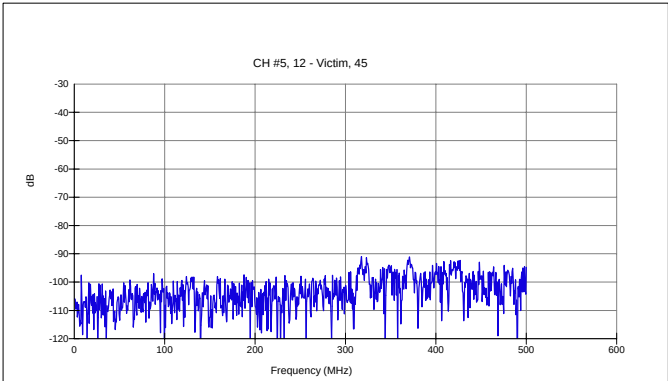
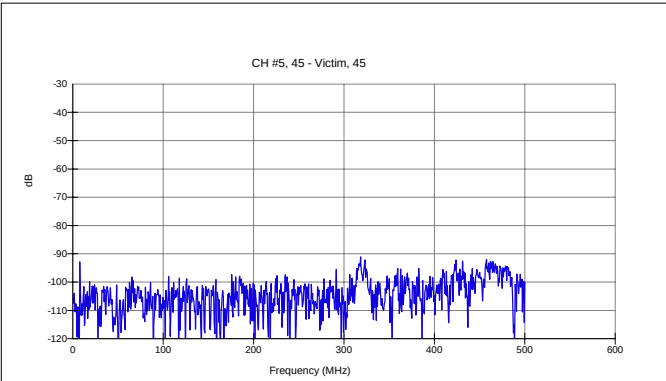
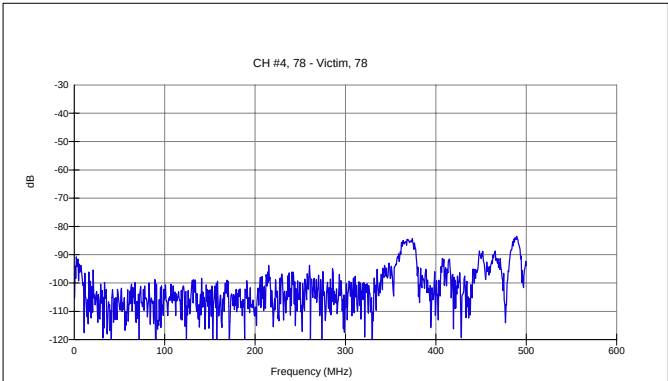
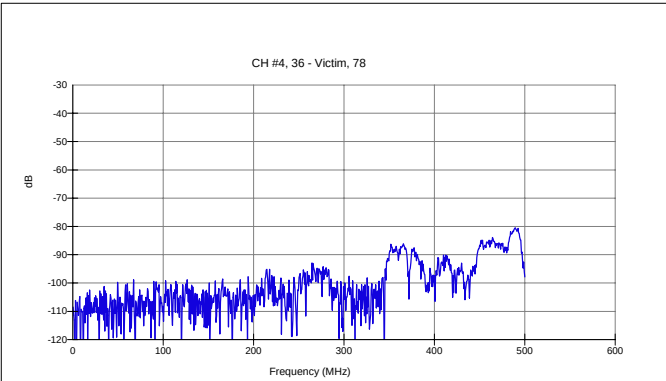
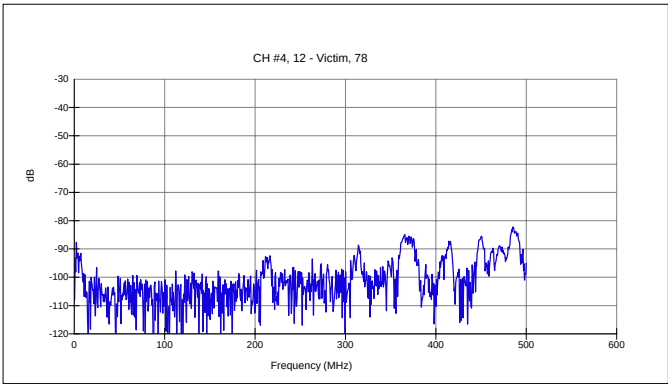
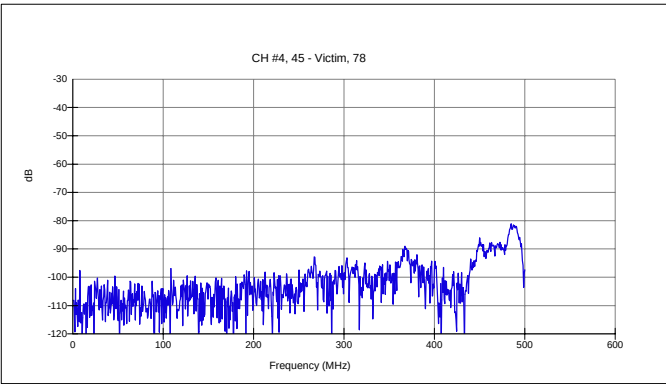
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|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





ANEXT Near

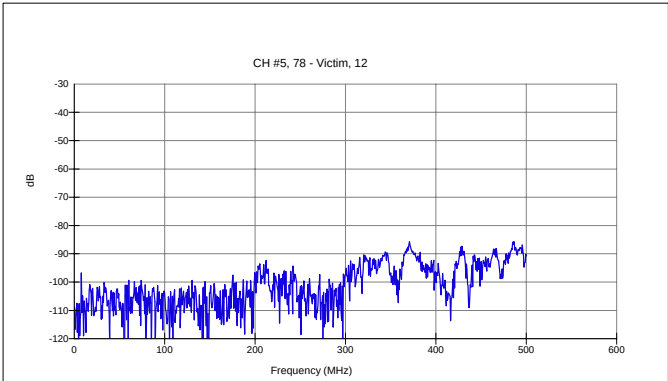
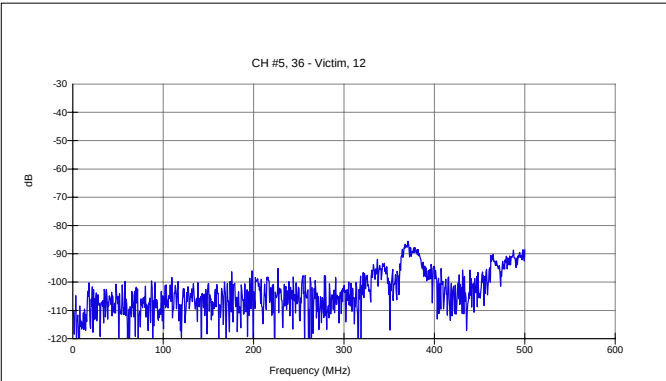
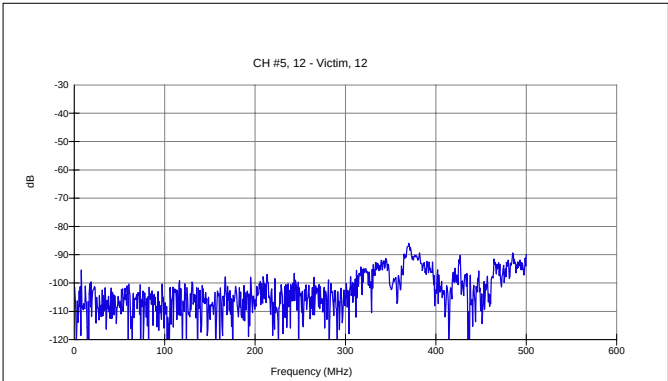
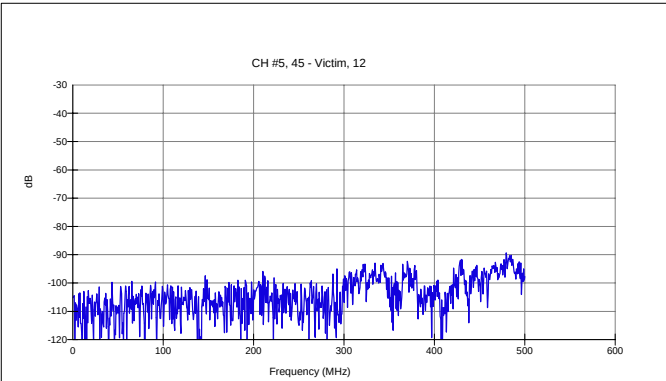
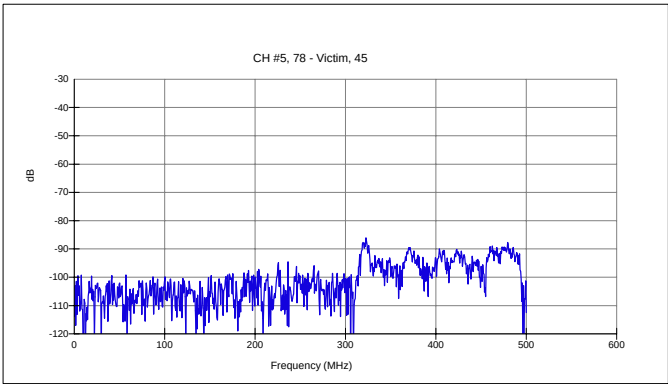
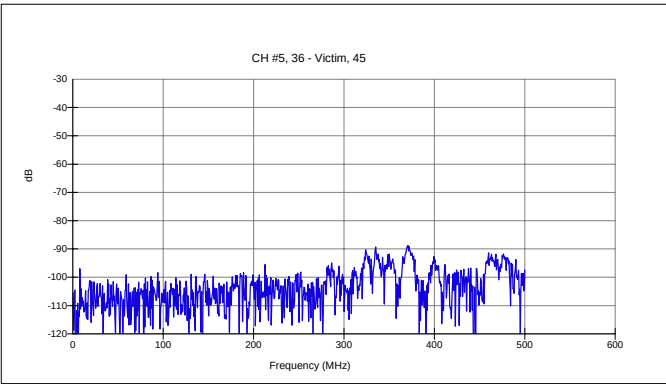
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|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Near

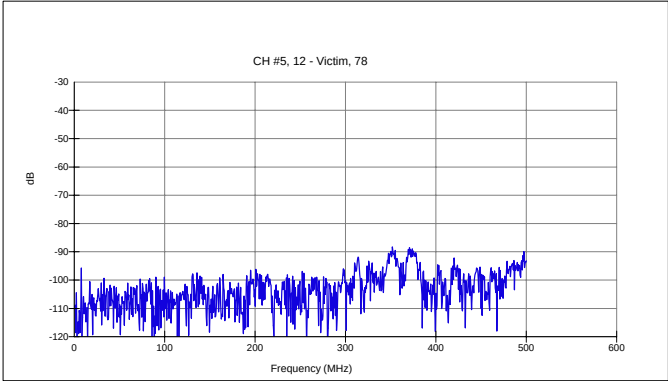
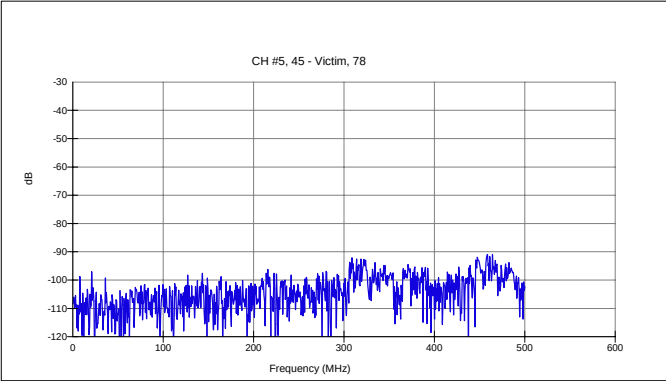
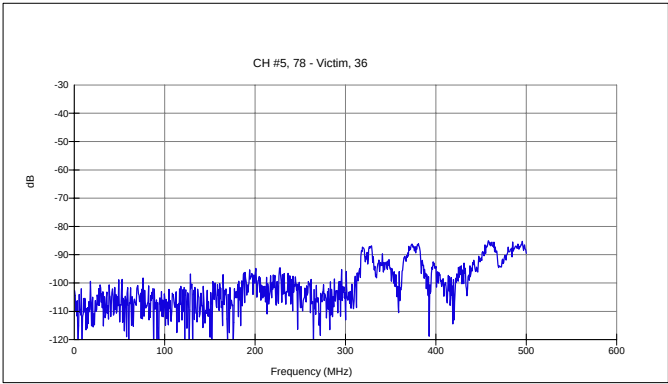
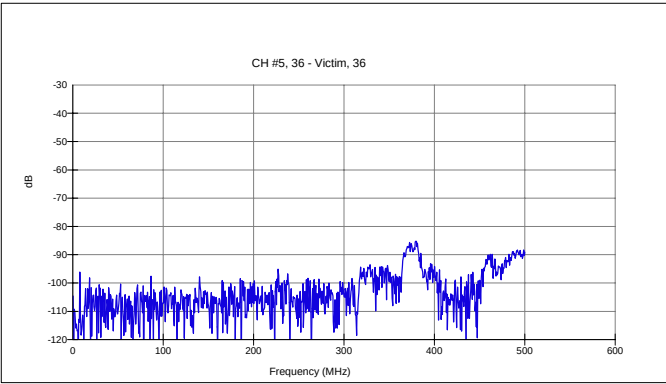
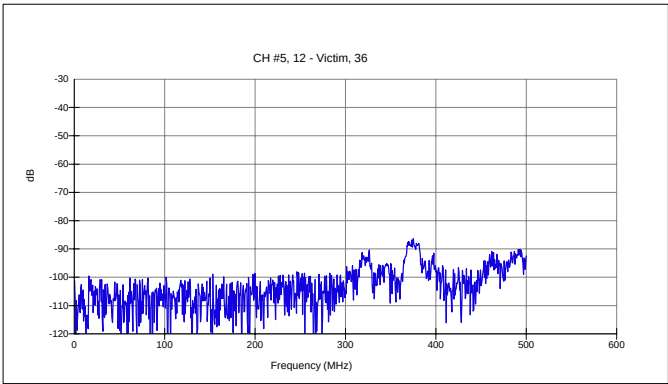
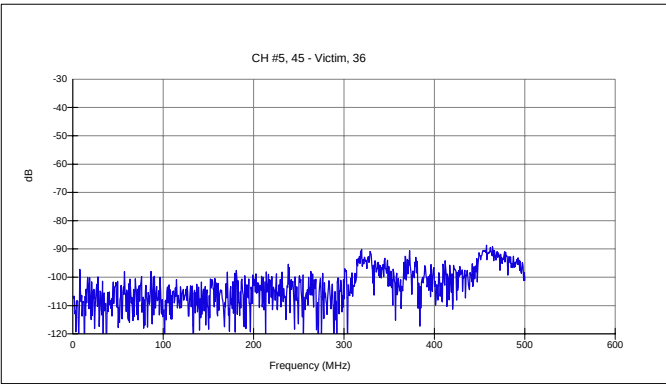
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| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Near

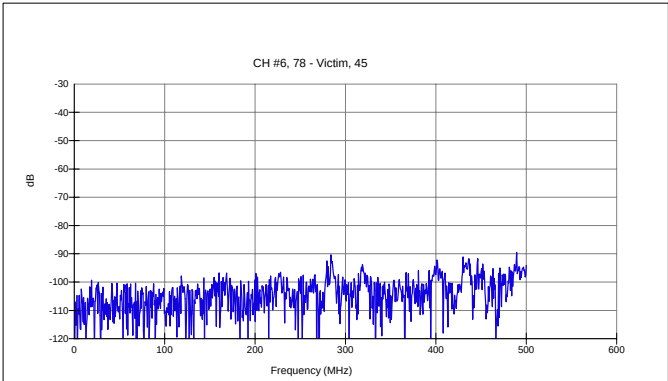
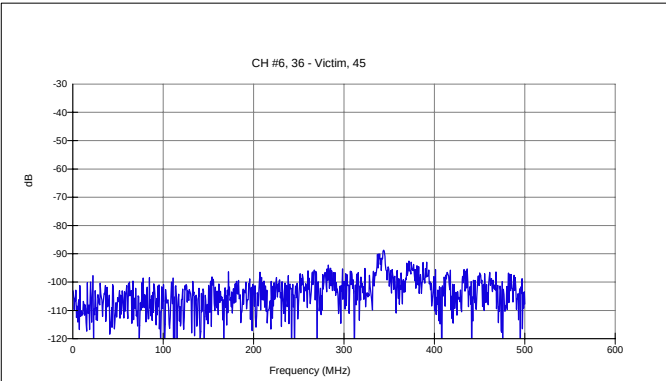
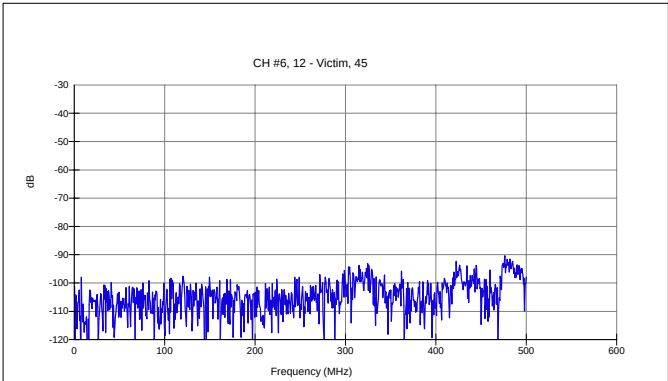
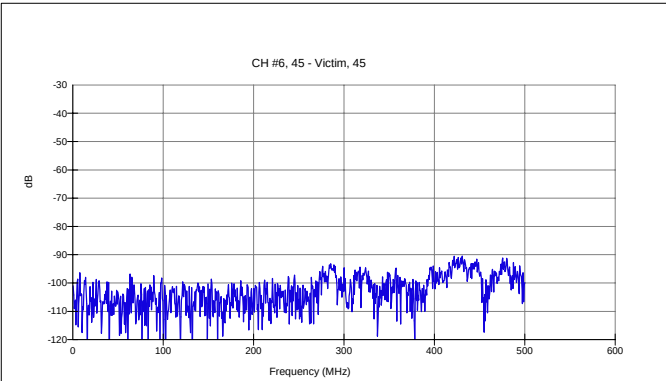
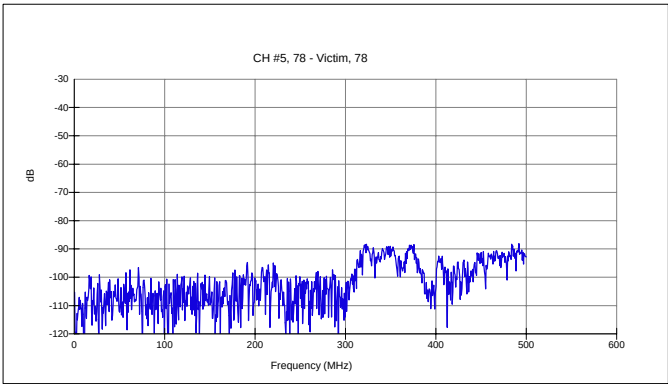
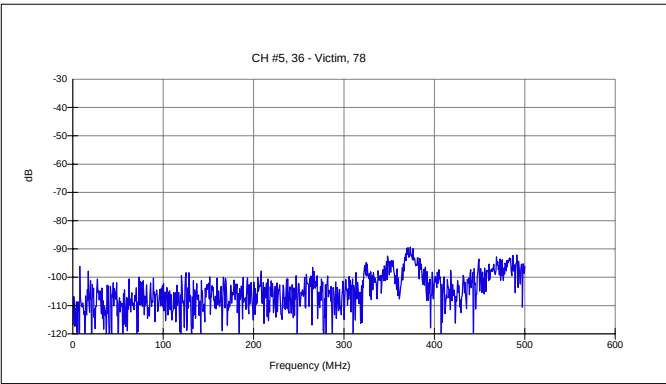
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| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Near

|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |

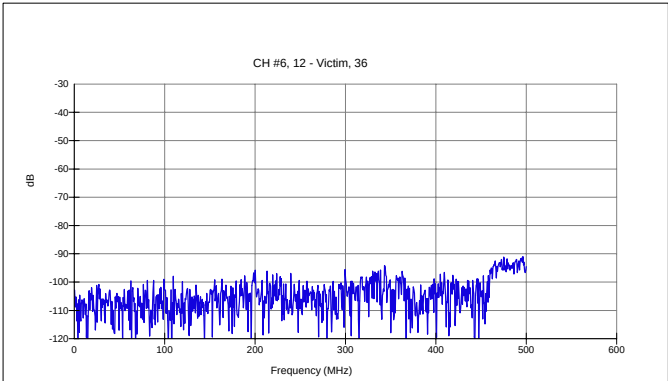
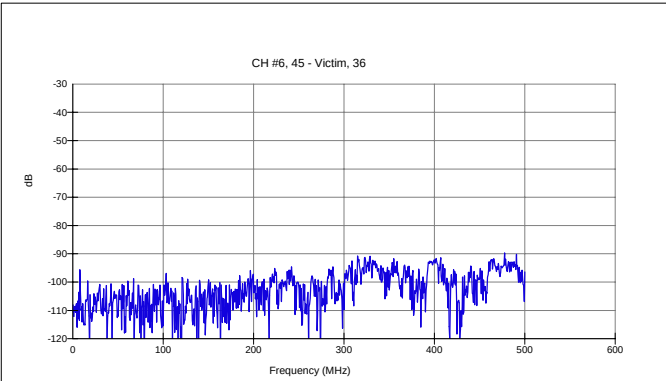
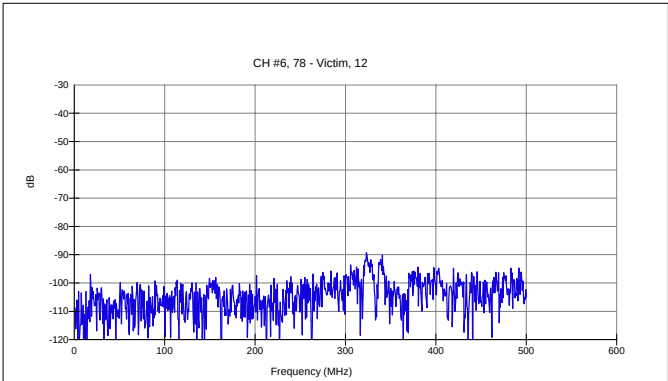
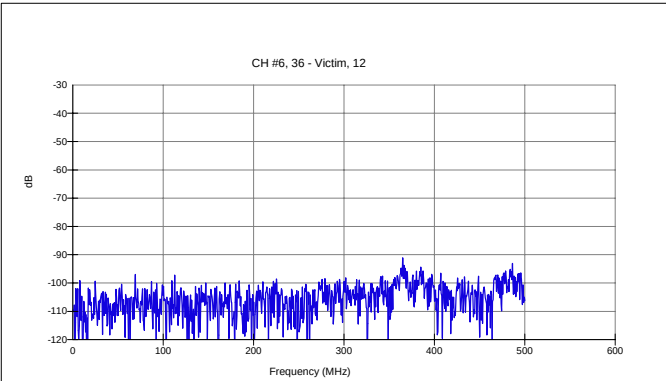
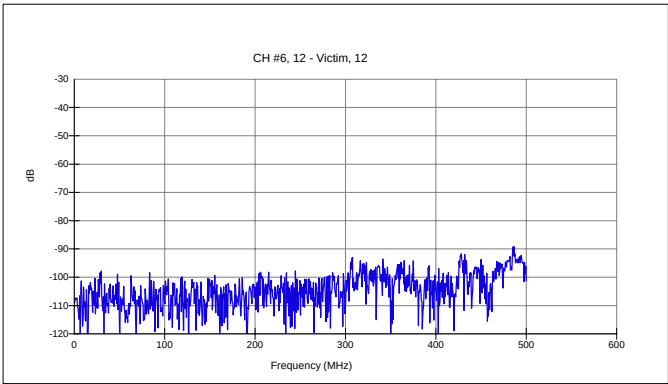
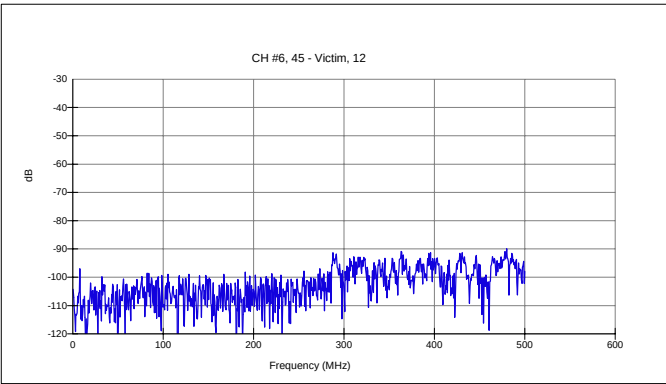






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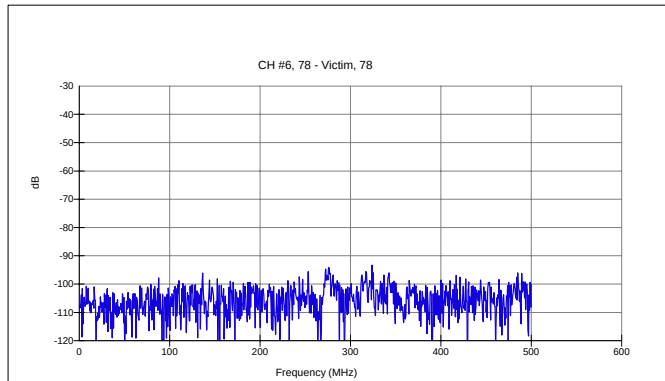
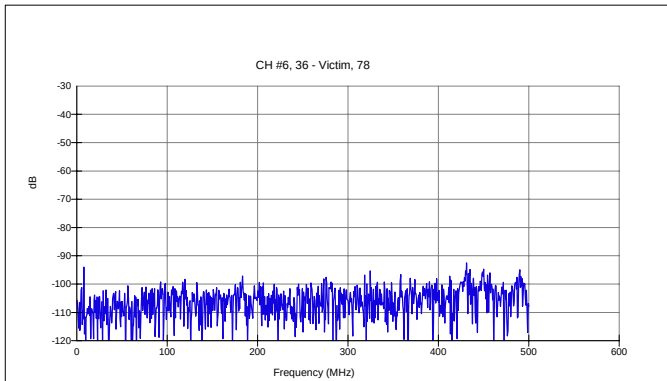
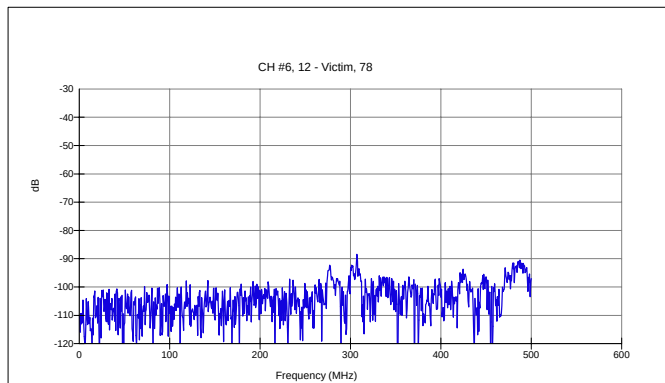
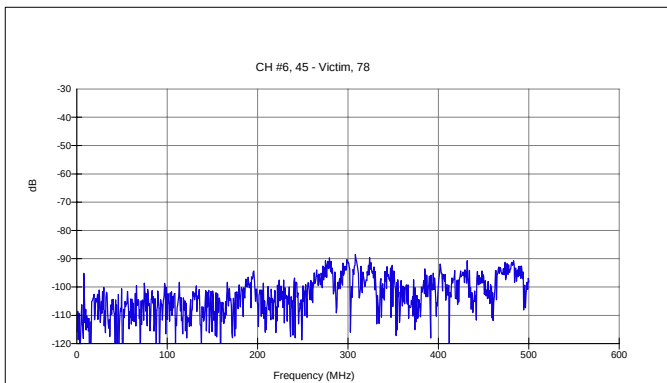
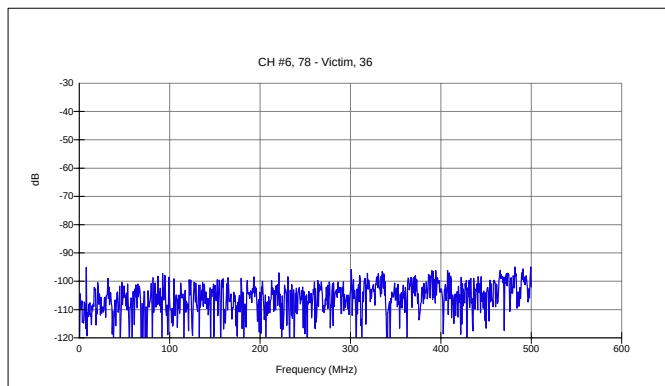
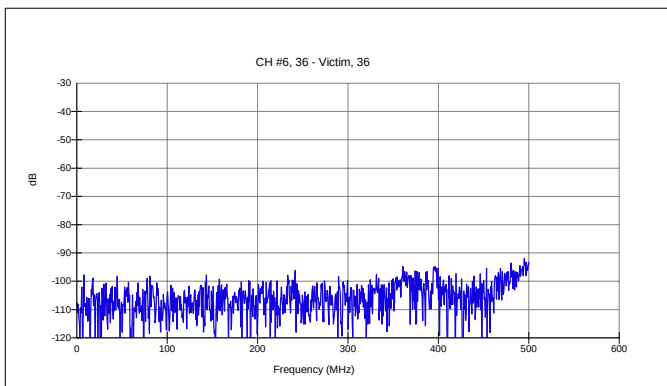
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| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





## ANEXT Near

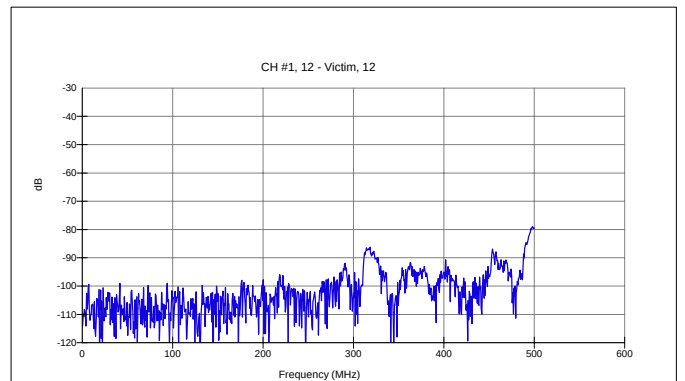
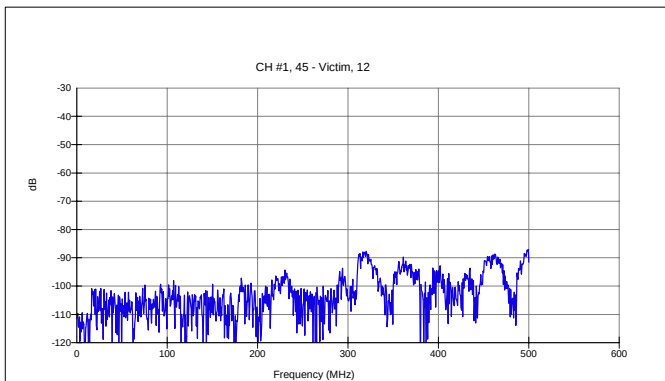
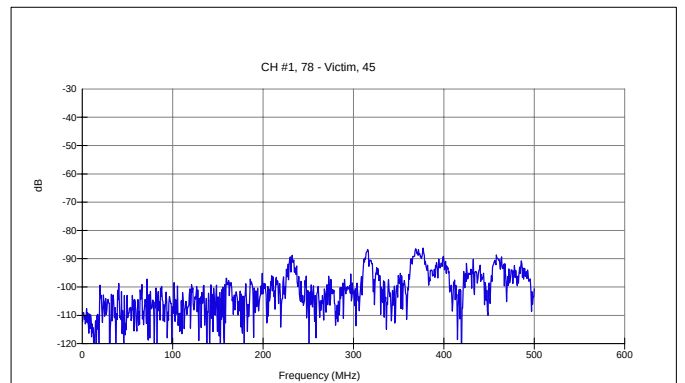
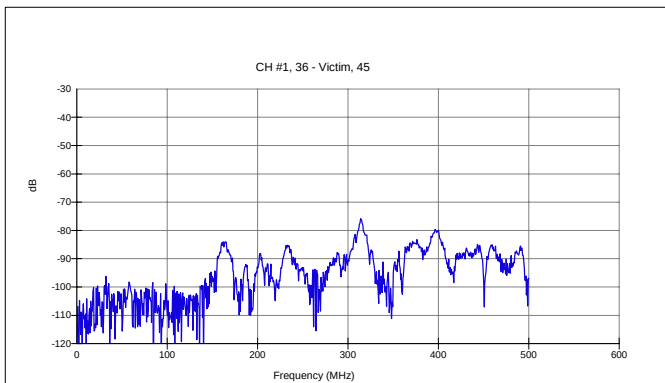
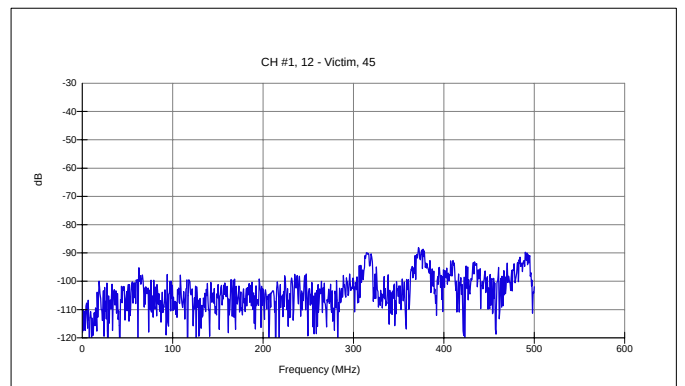
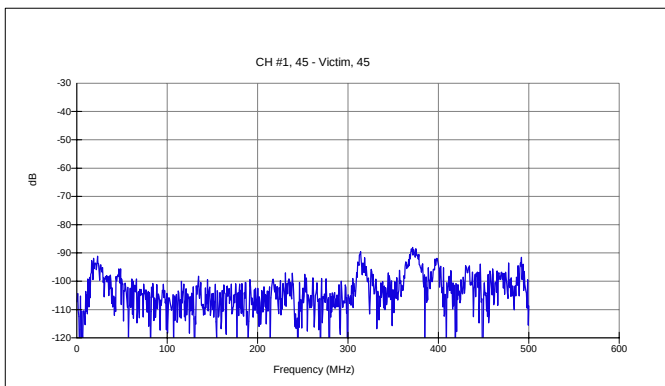
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|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## ANEXT Far

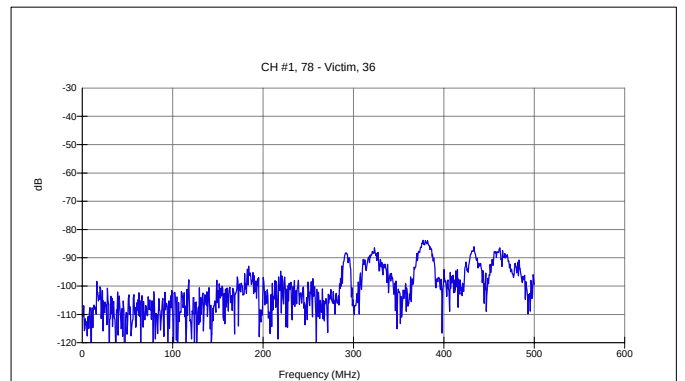
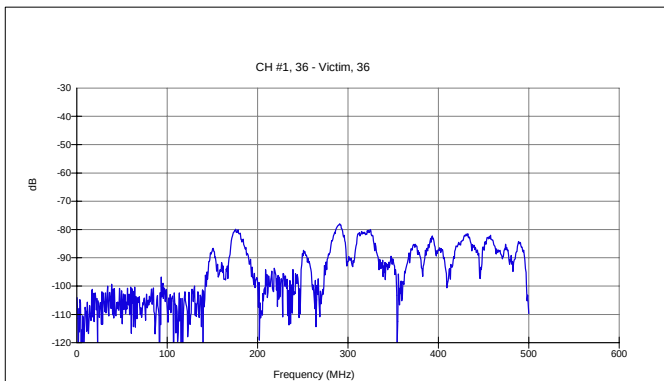
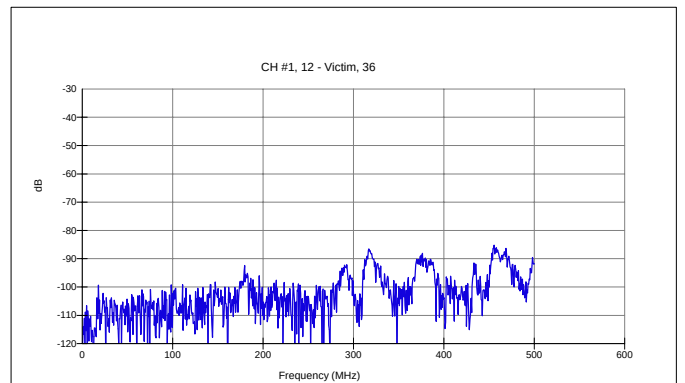
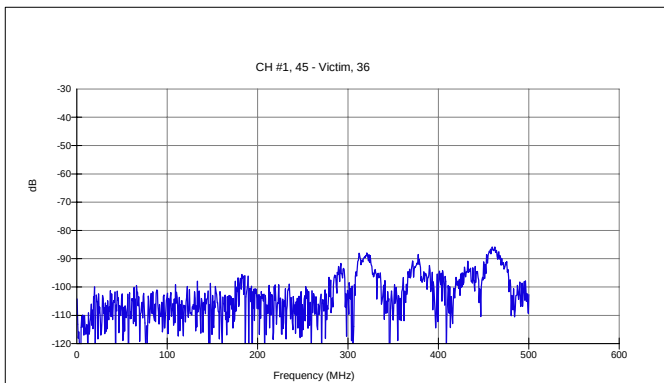
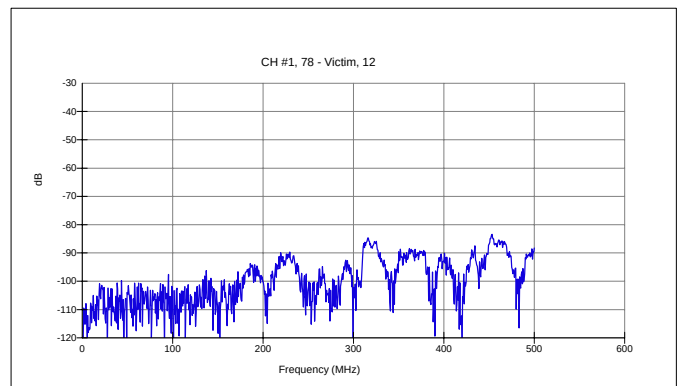
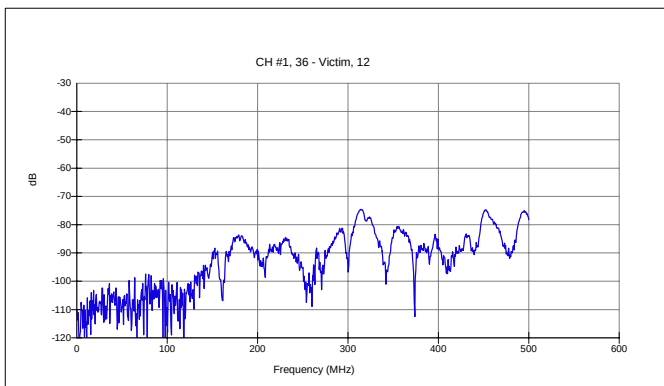
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|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## ANEXT Far

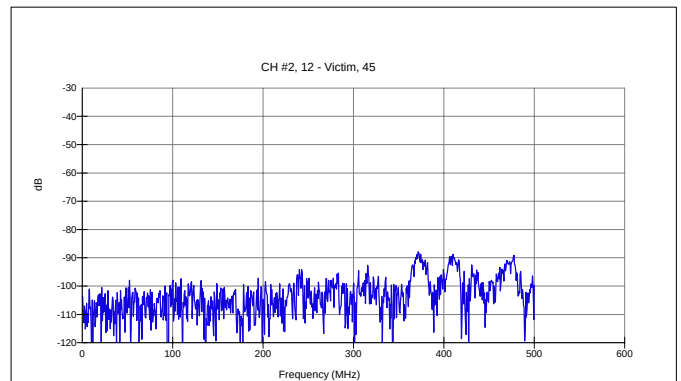
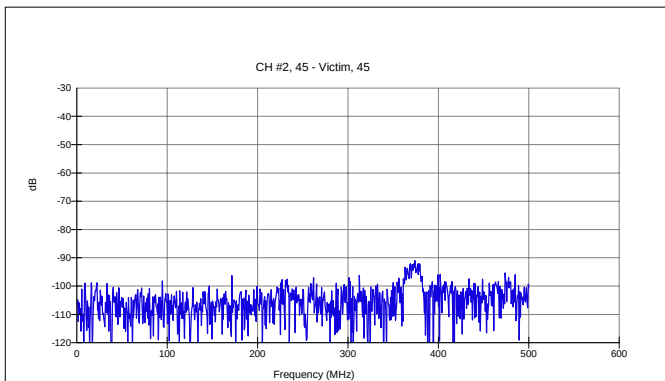
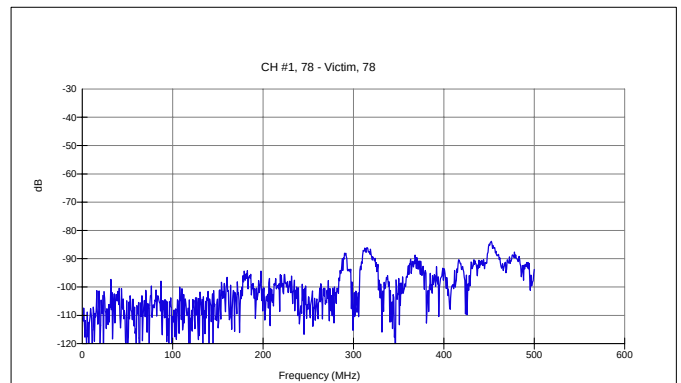
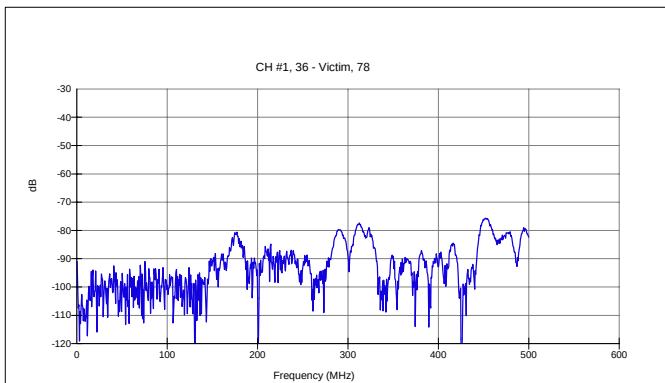
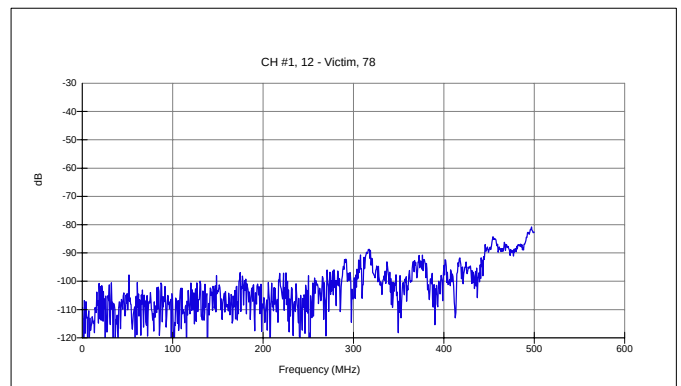
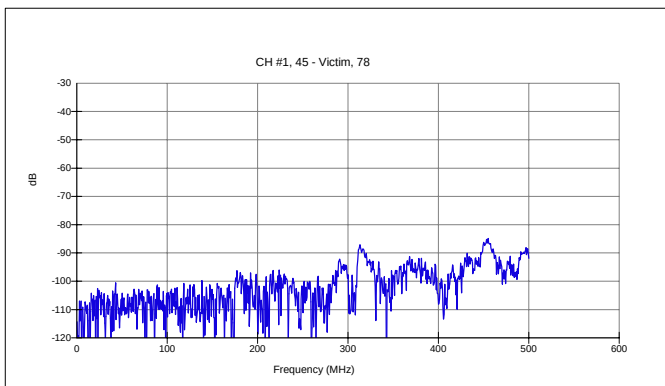
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| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## ANEXT Far

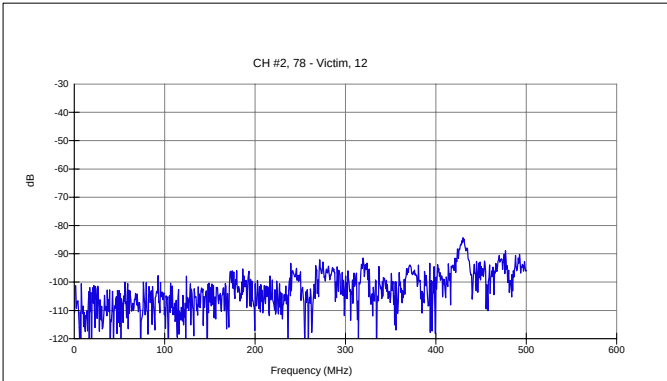
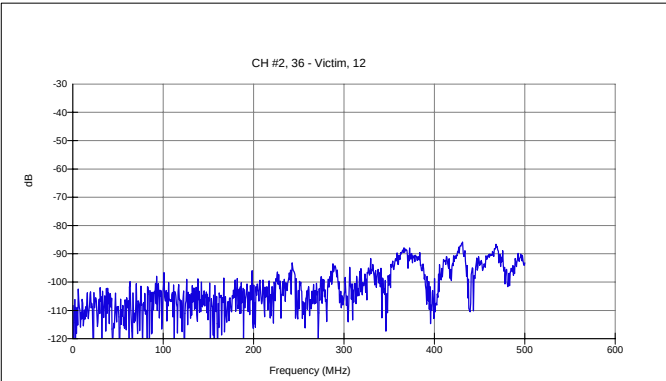
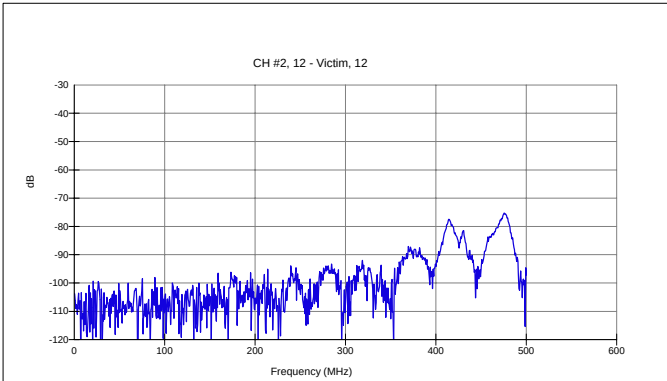
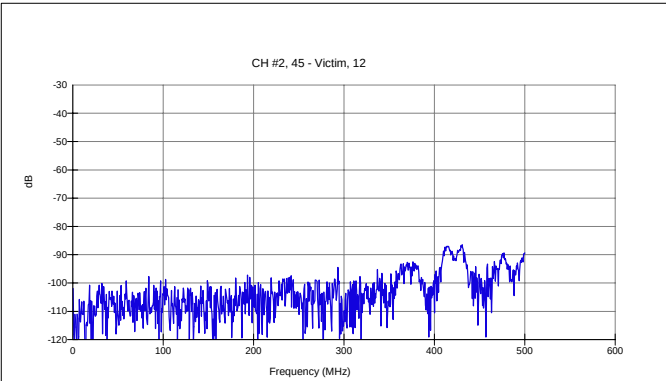
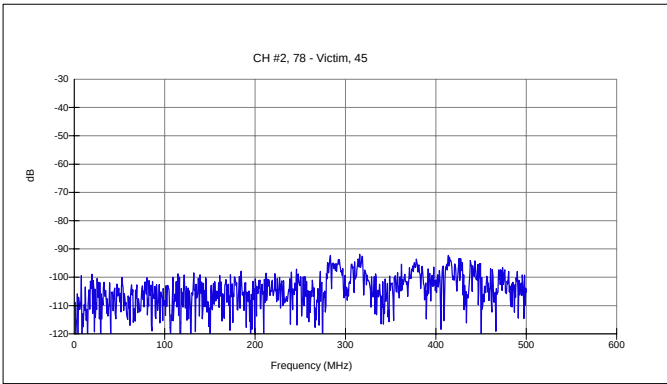
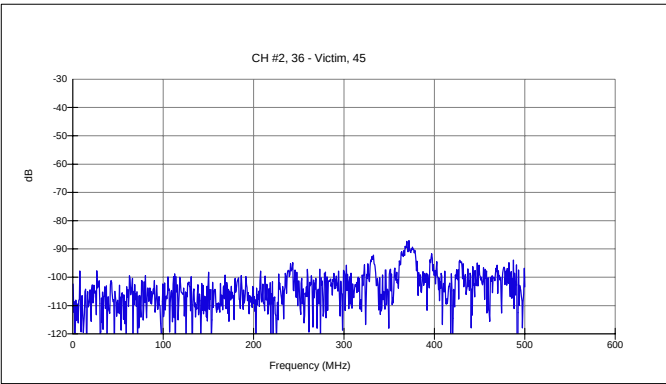
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| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





ANEXT Far

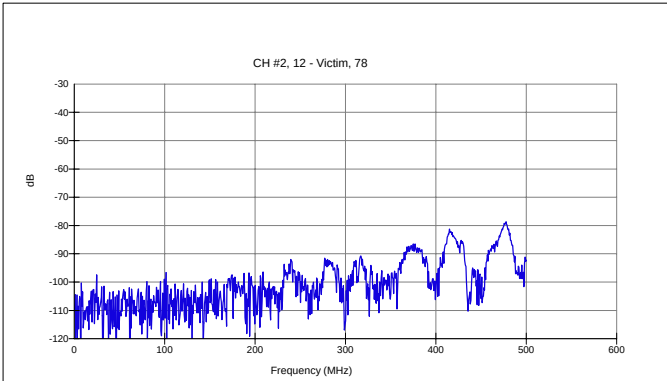
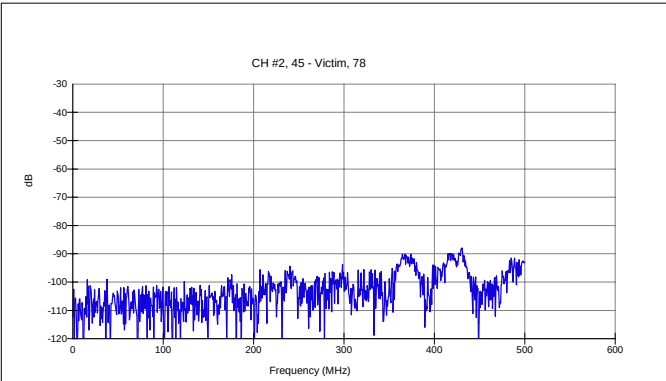
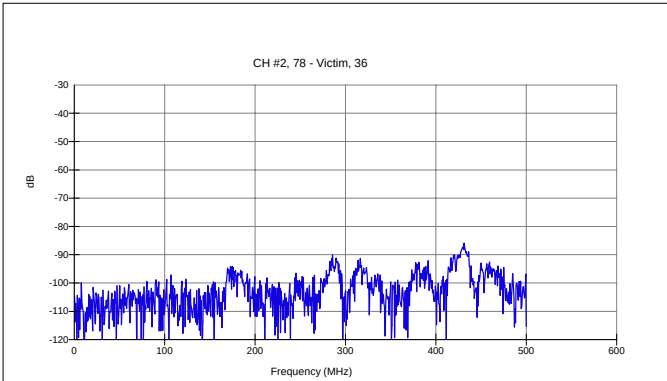
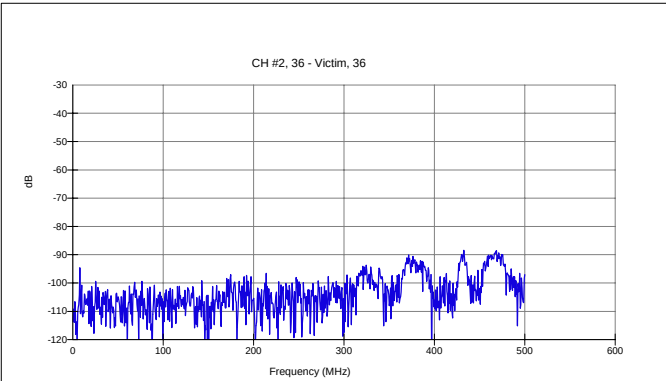
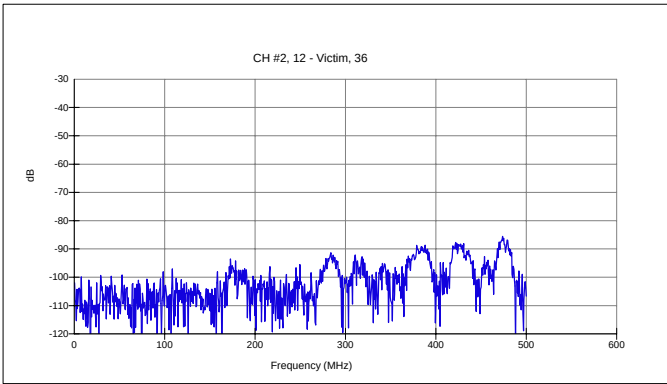
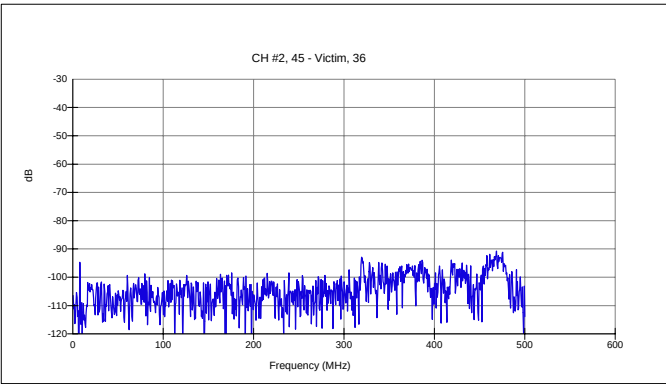
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| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Far

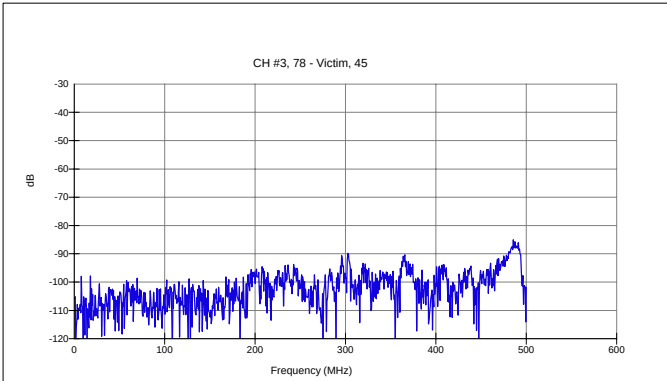
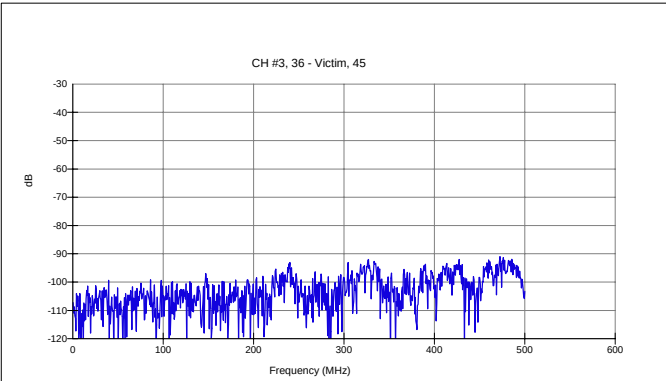
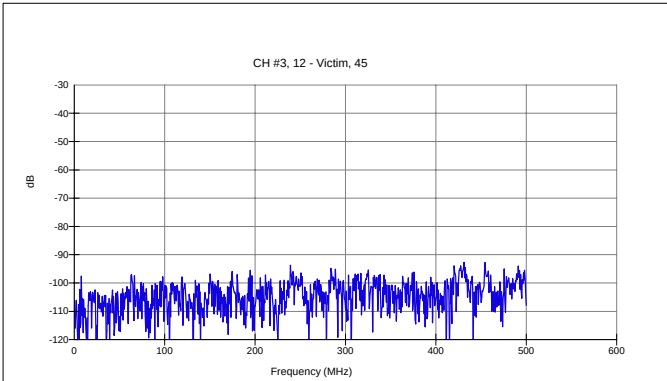
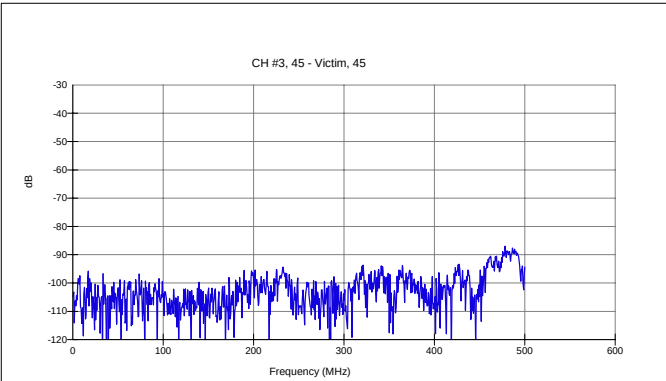
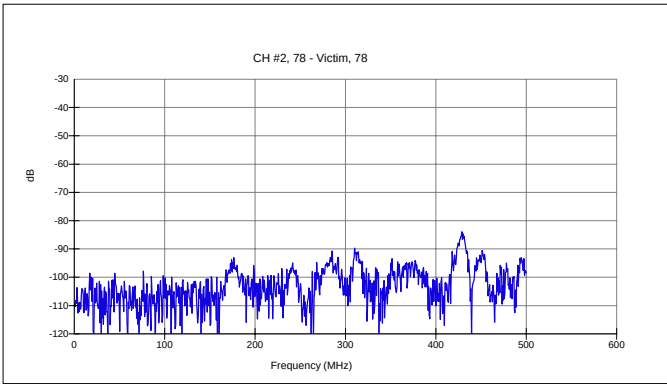
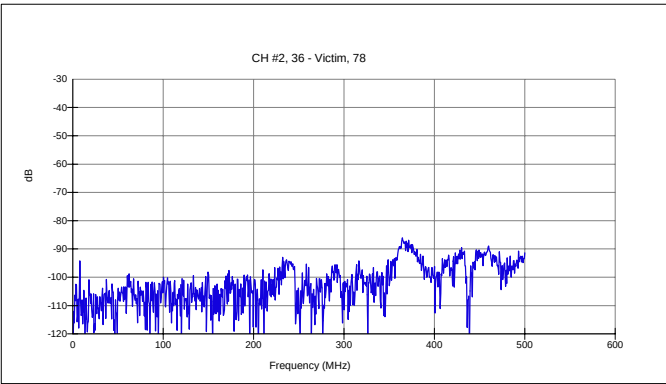
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|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Far

|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |

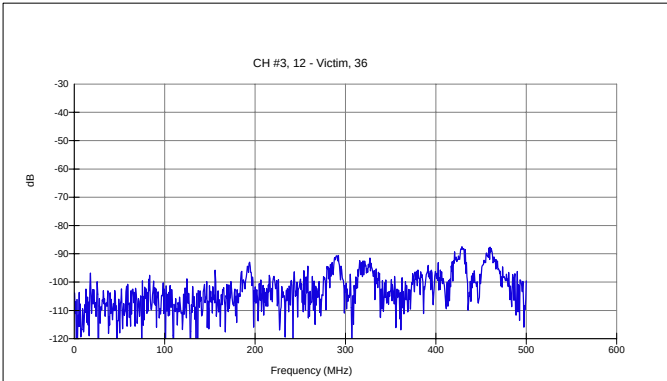
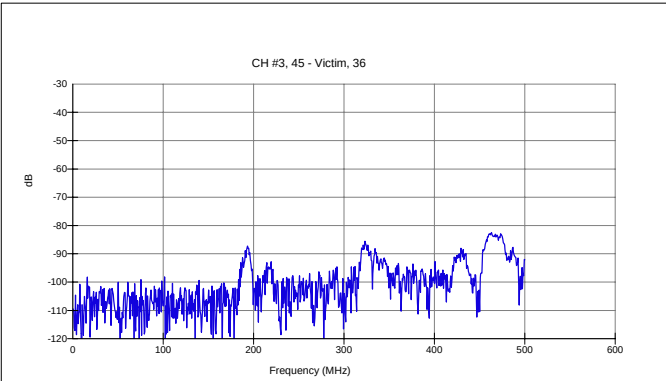
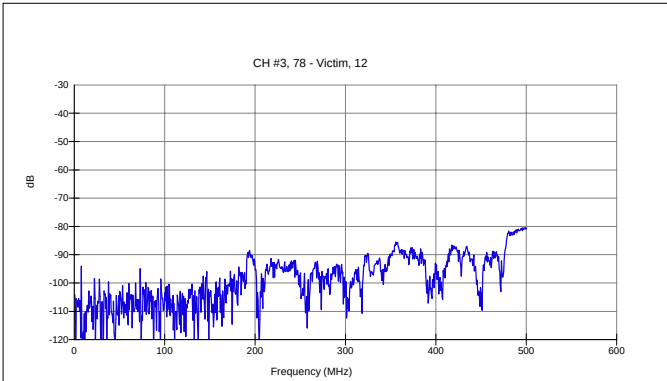
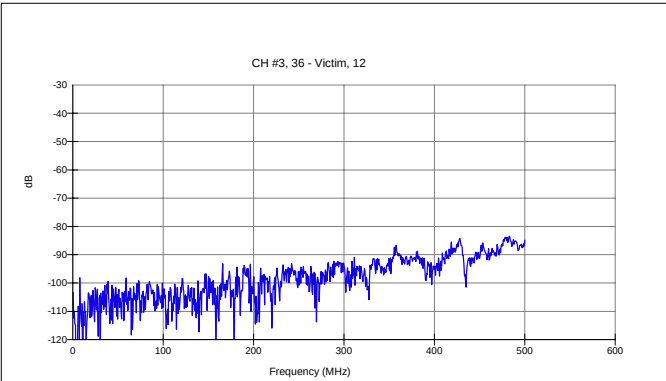
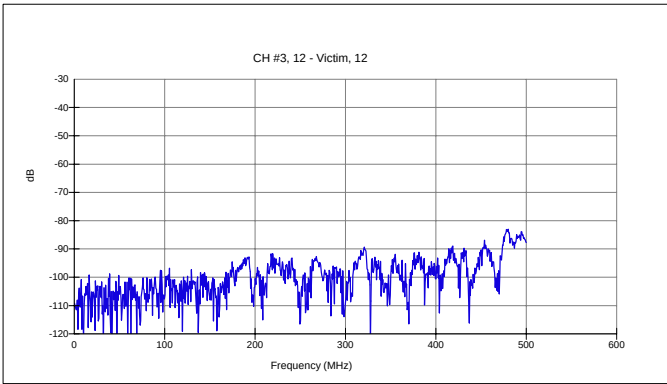
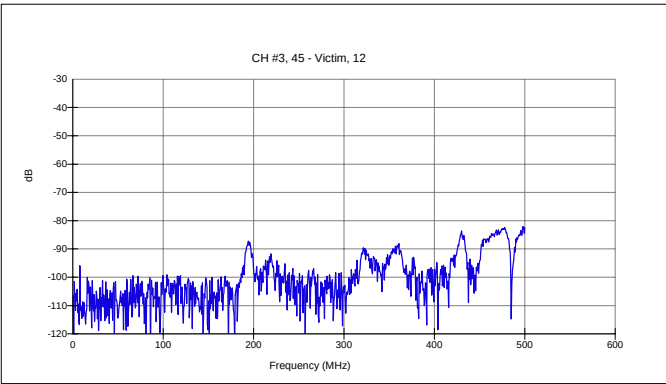






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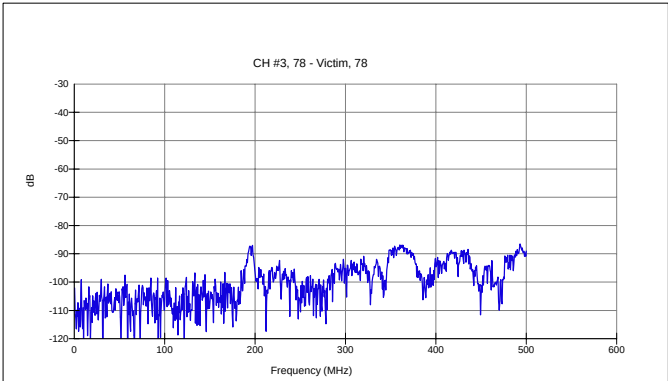
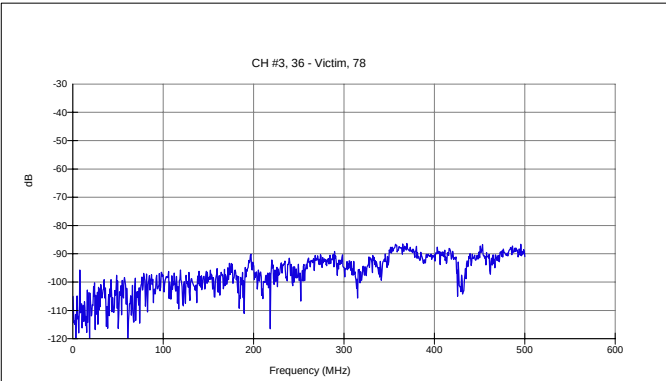
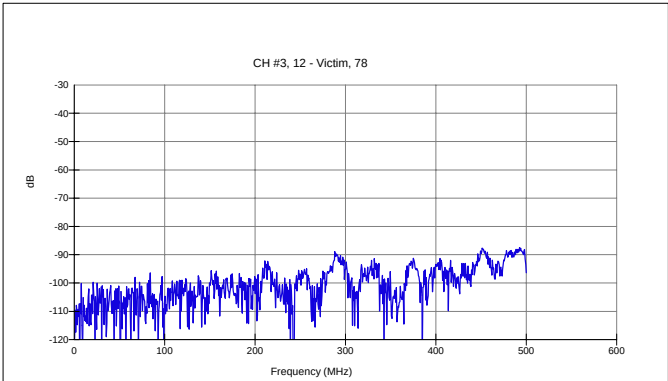
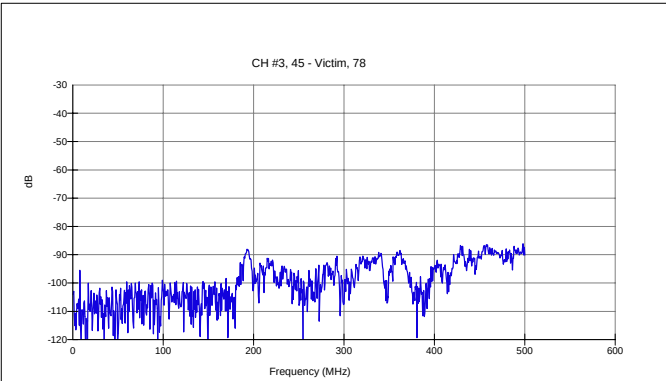
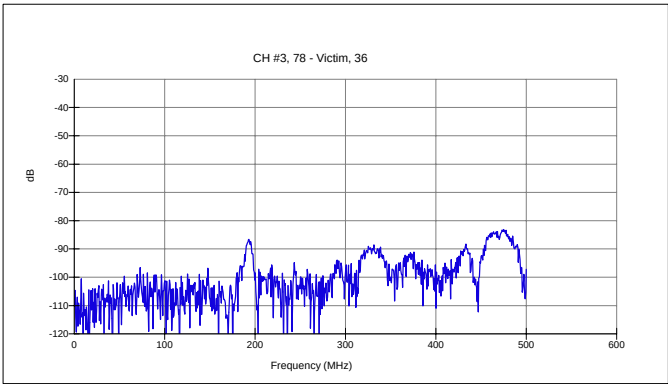
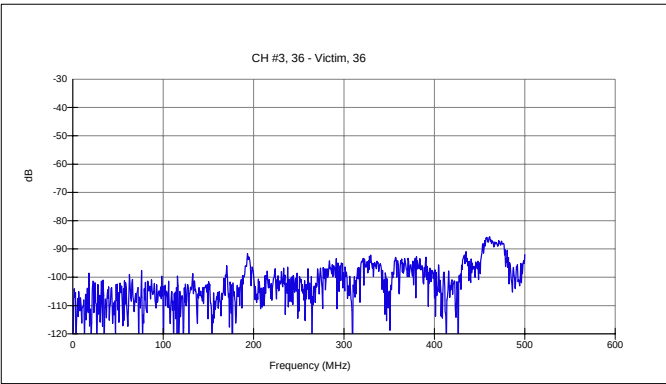
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| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Far

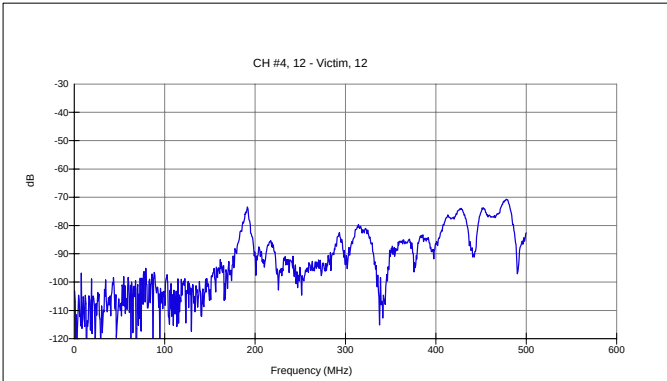
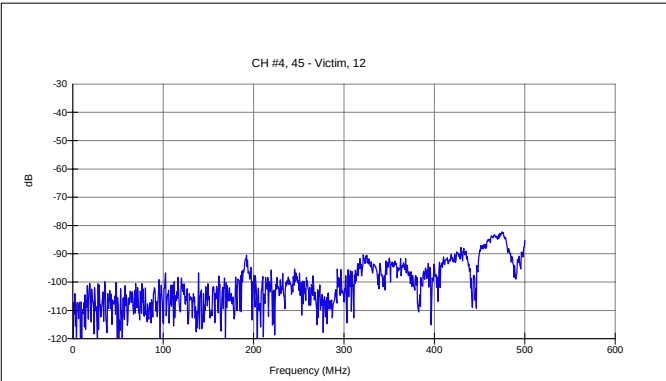
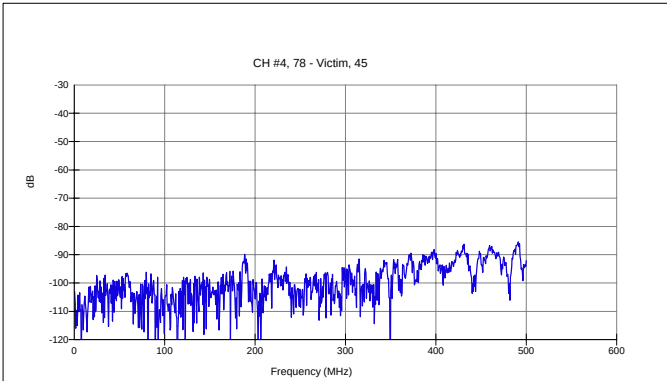
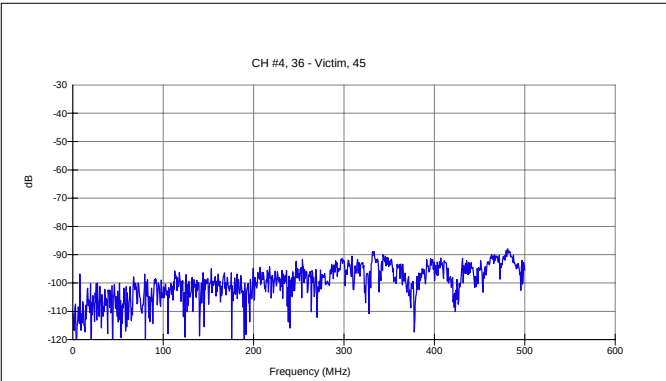
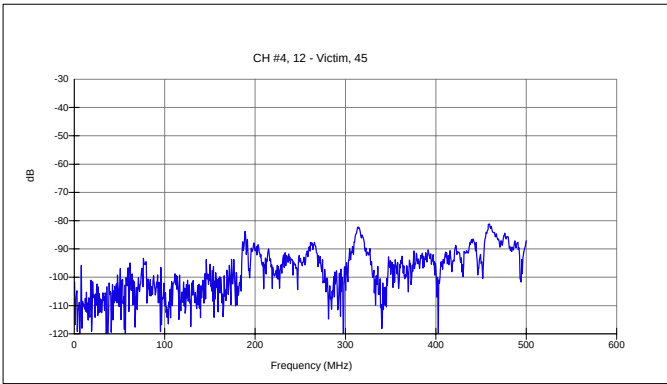
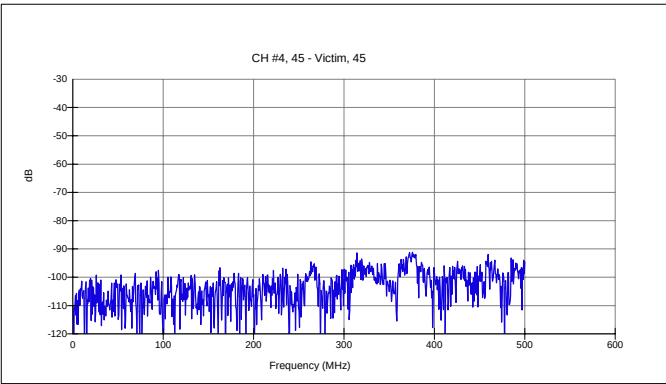
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| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Far

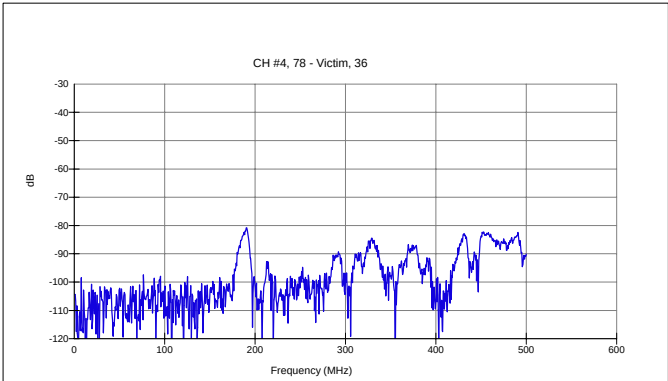
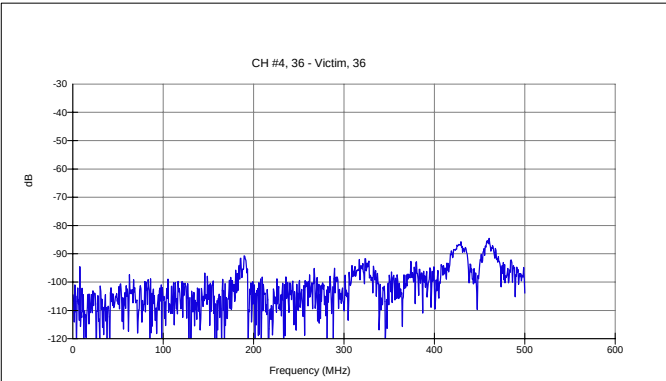
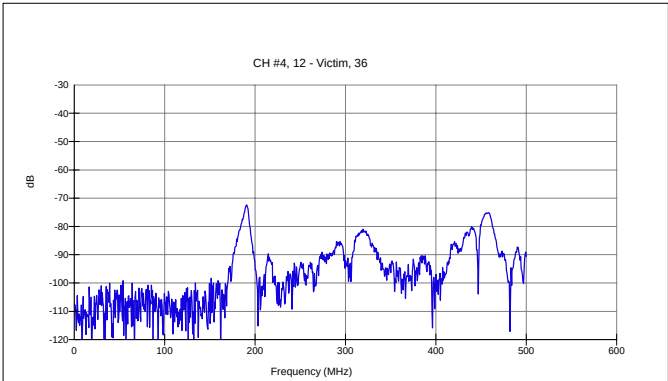
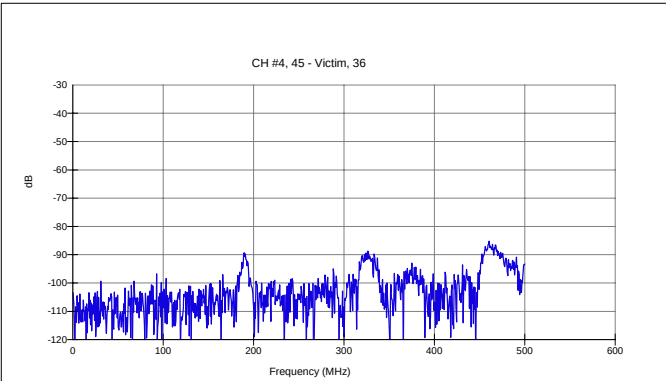
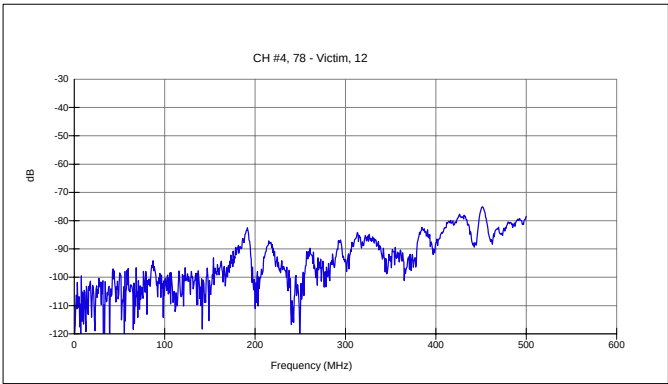
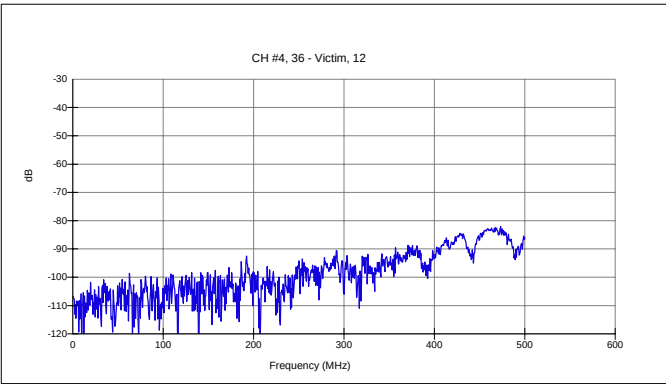
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|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Far

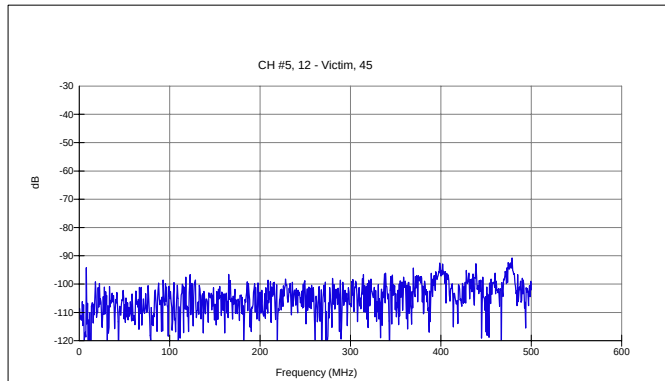
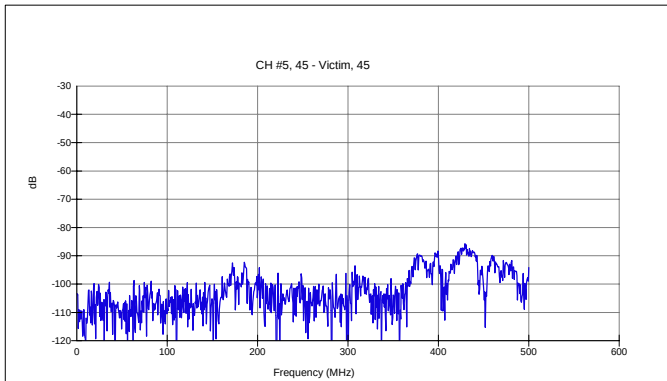
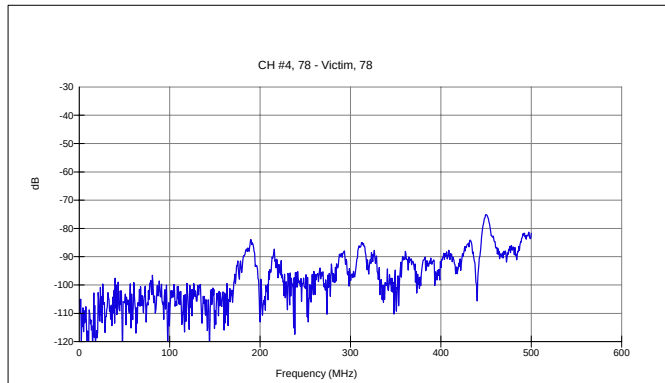
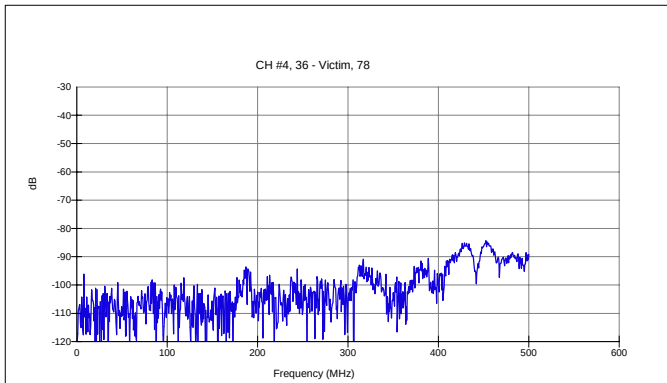
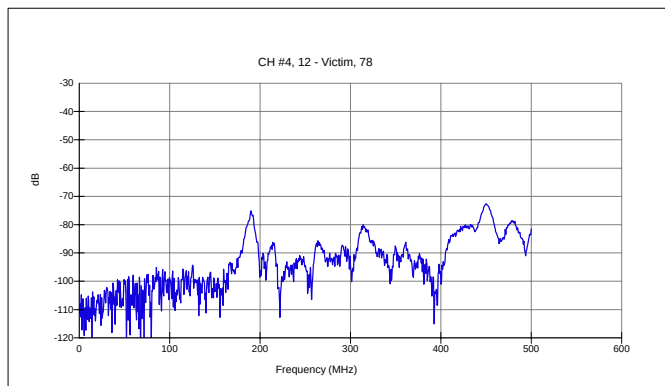
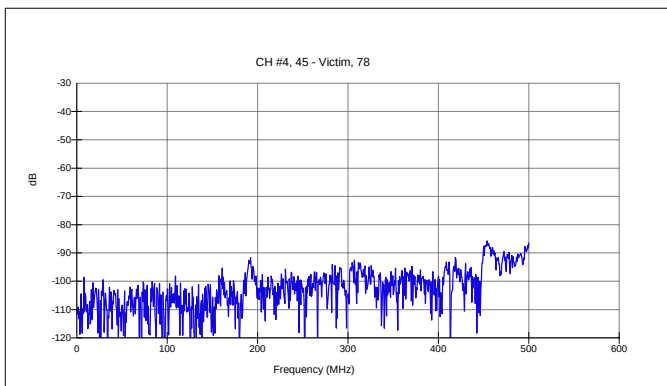
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|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





## ANEXT Far

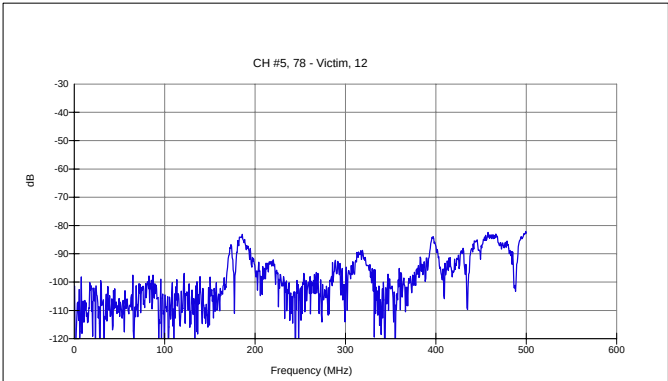
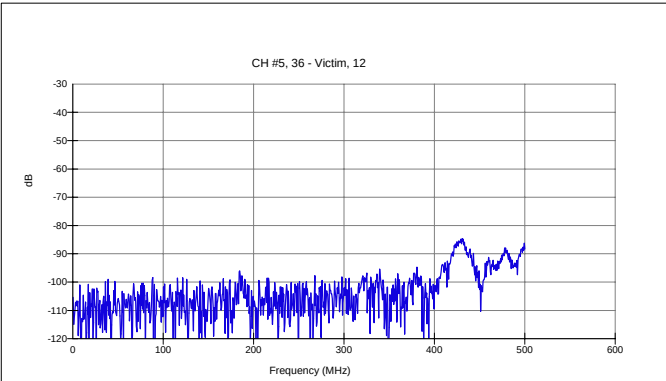
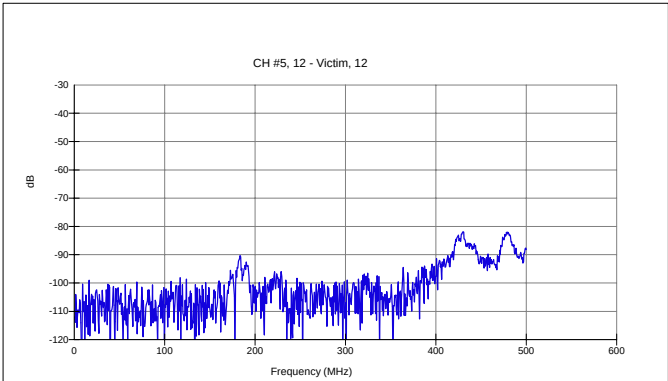
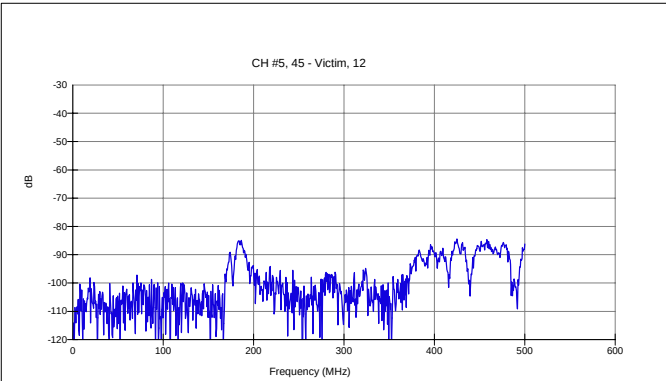
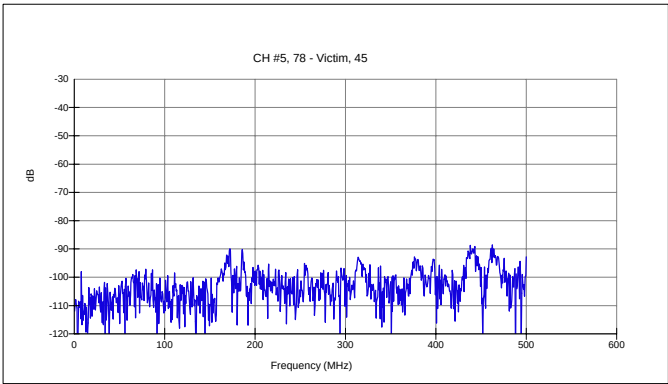
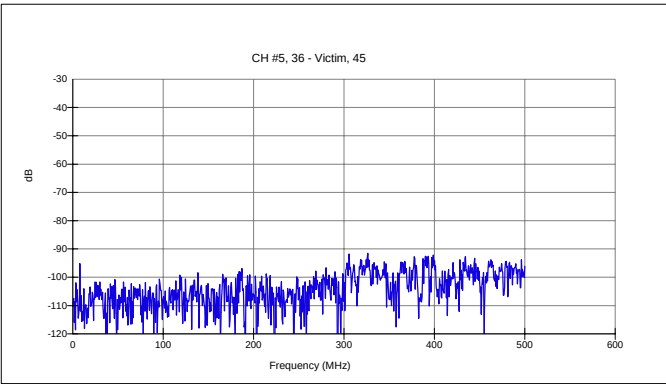
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|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





ANEXT Far

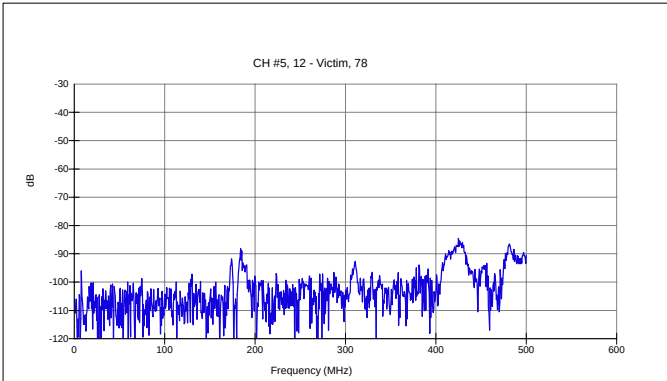
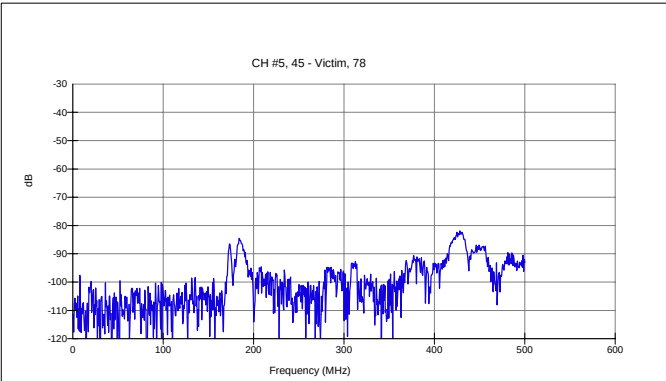
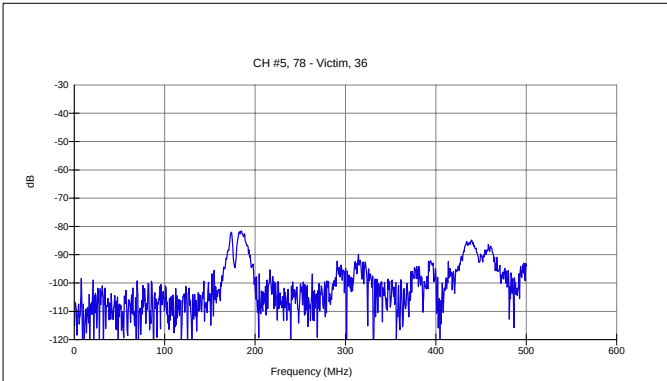
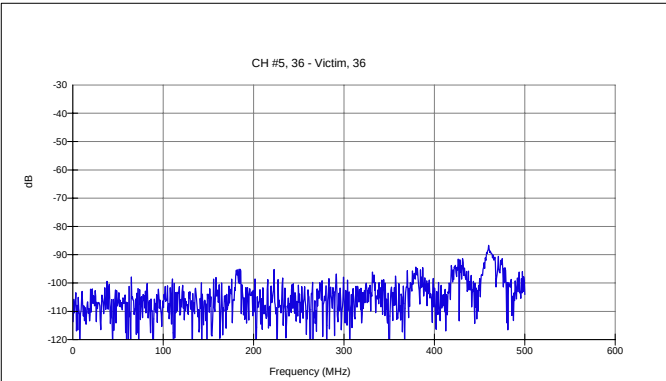
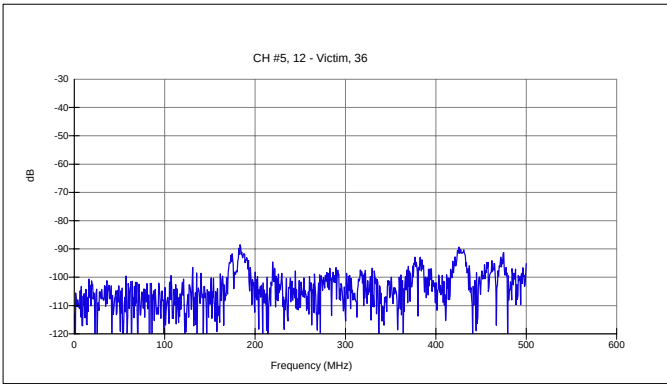
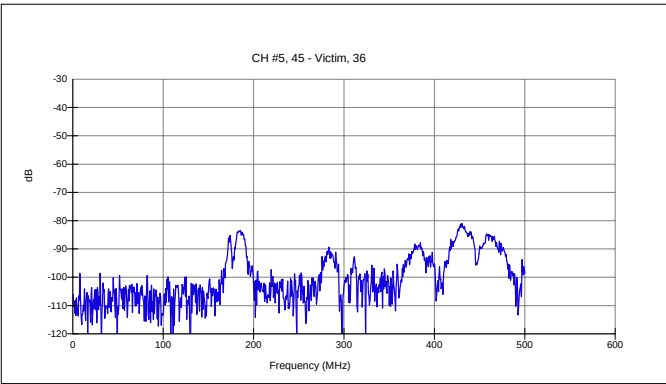
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|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Far

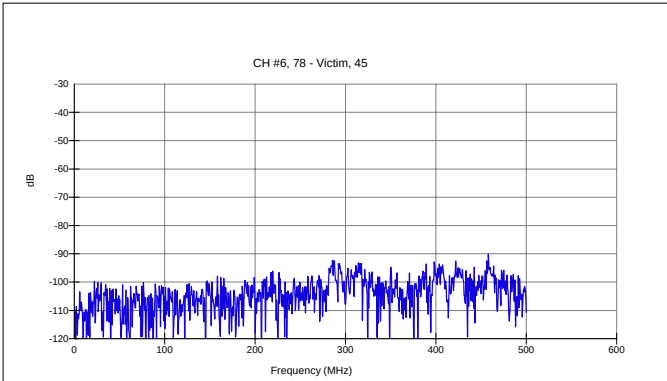
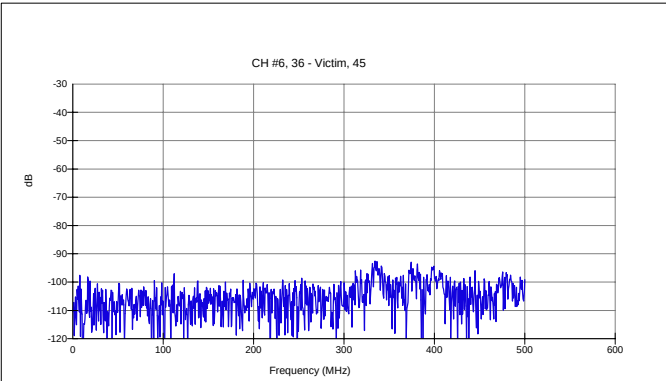
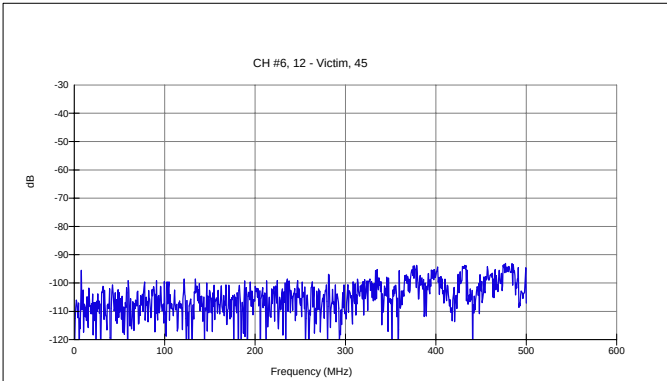
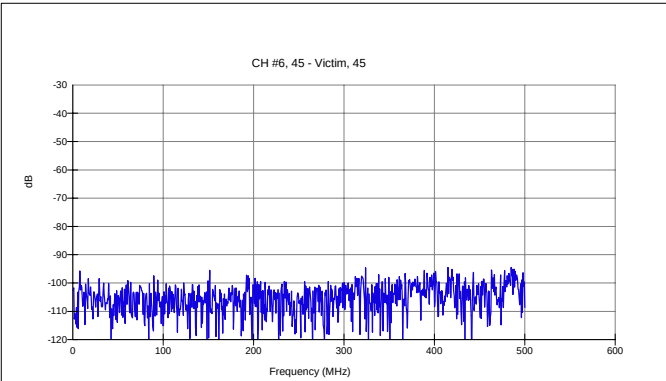
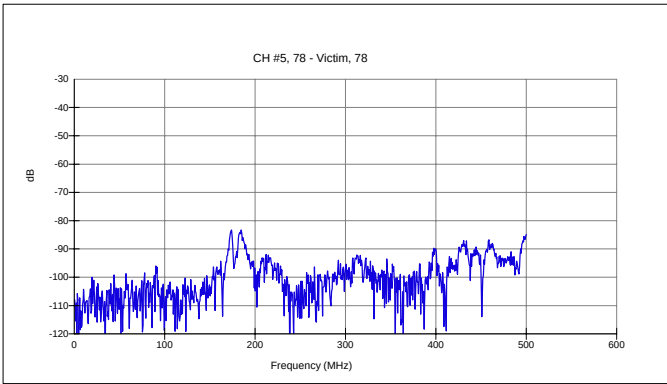
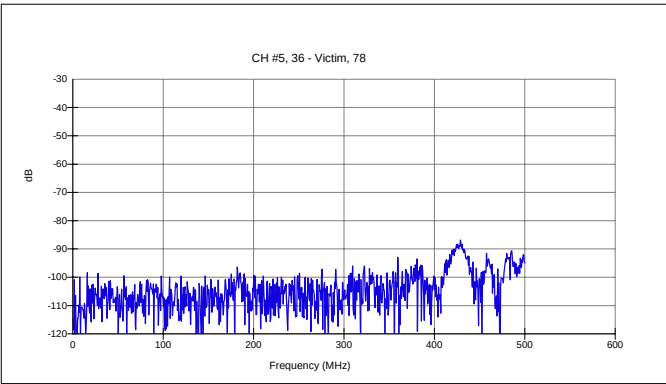
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| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





ANEXT Far

|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |

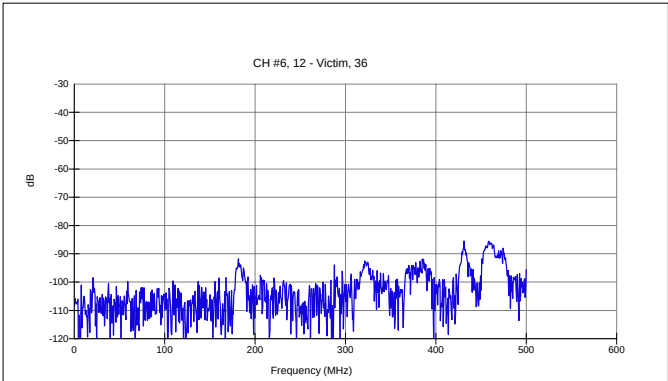
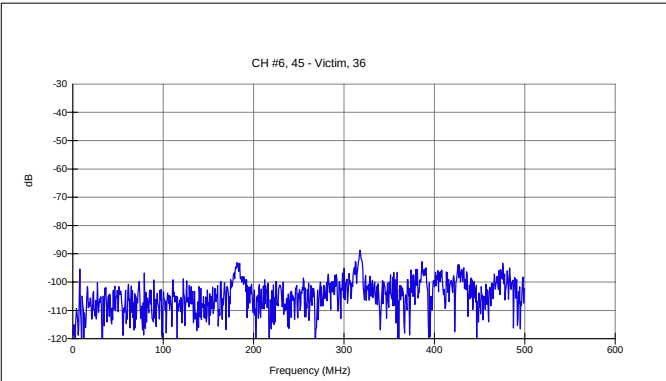
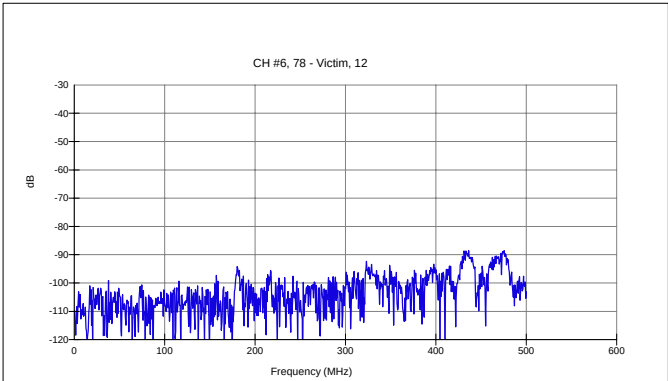
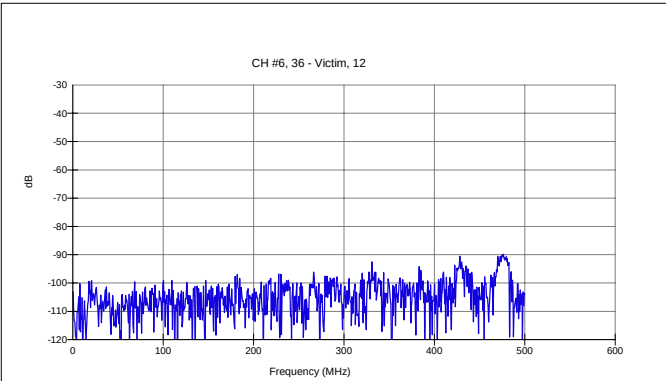
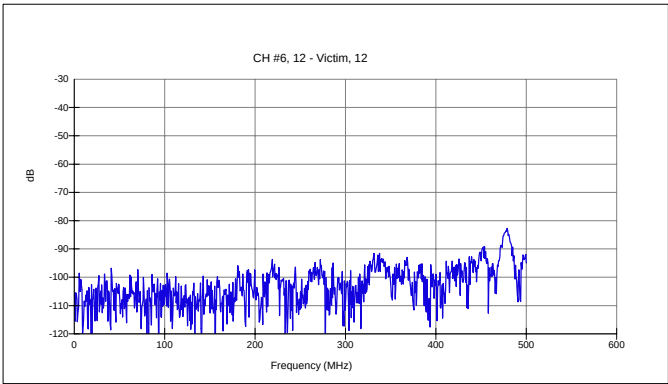
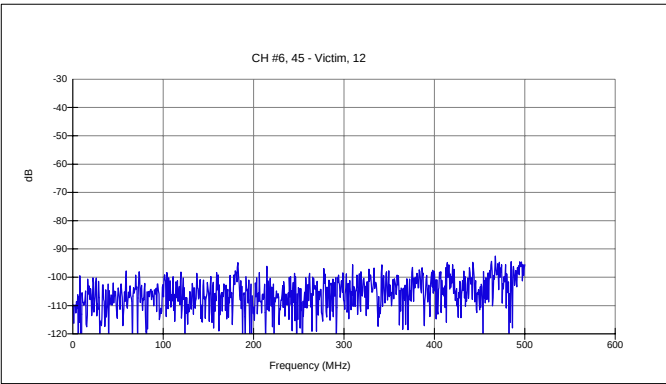






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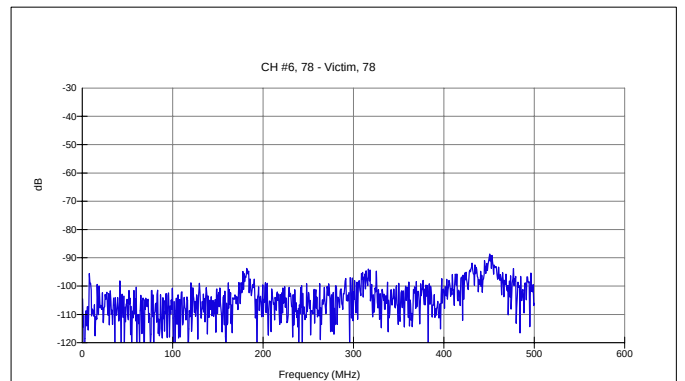
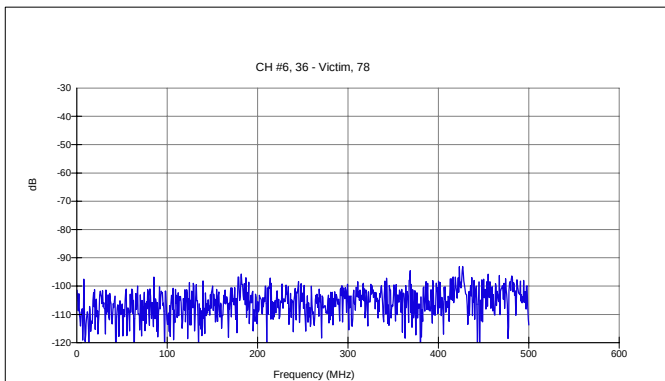
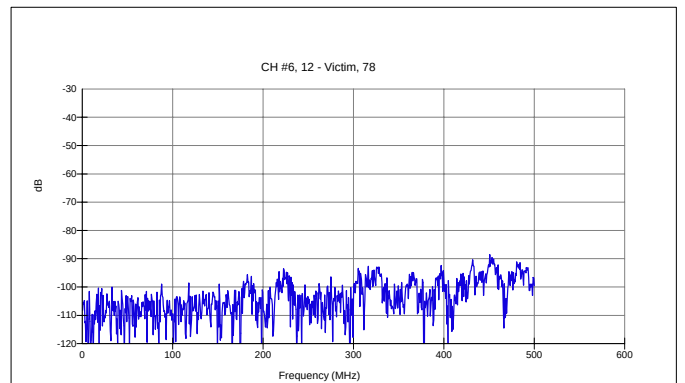
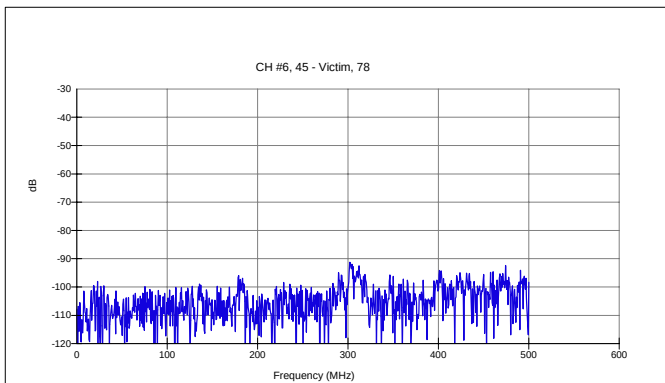
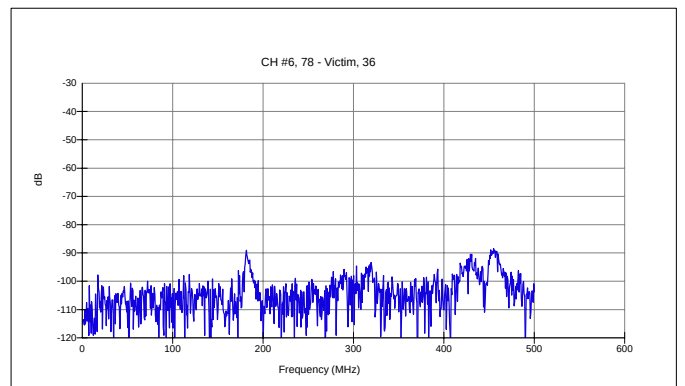
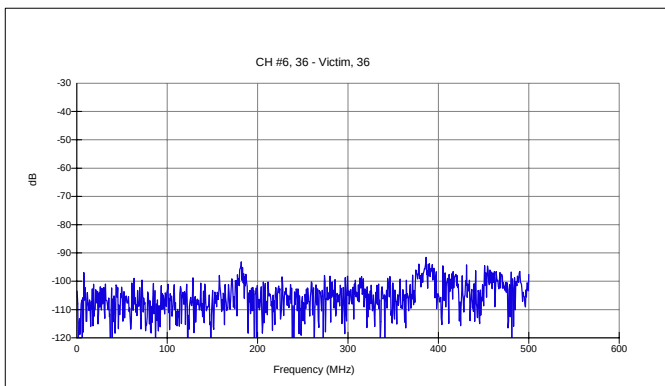
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| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





## ANEXT Far

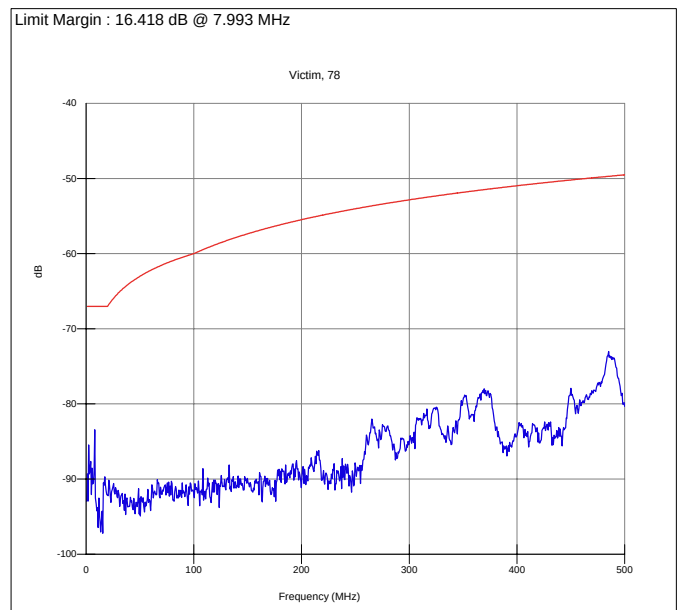
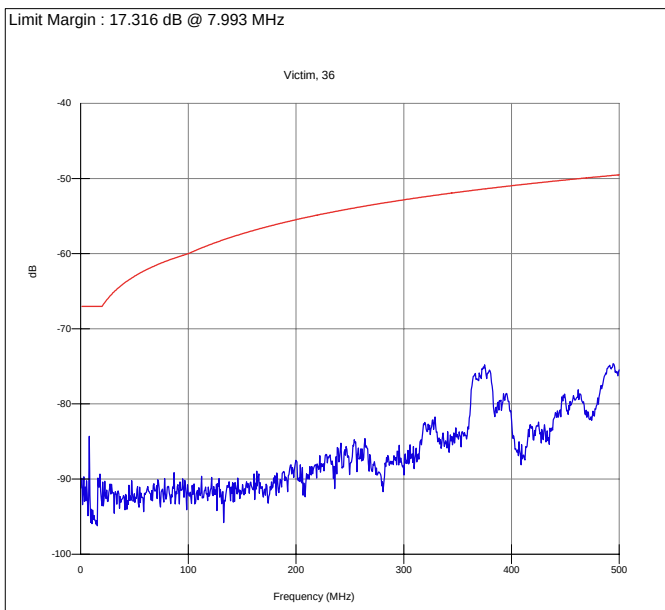
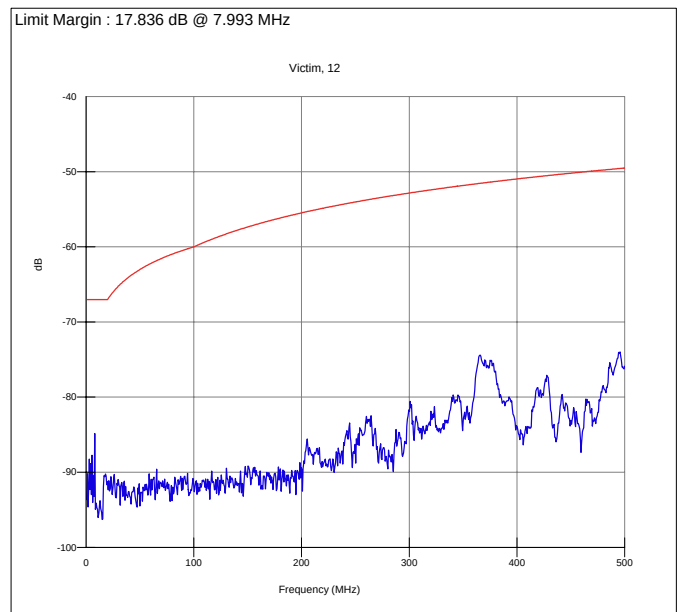
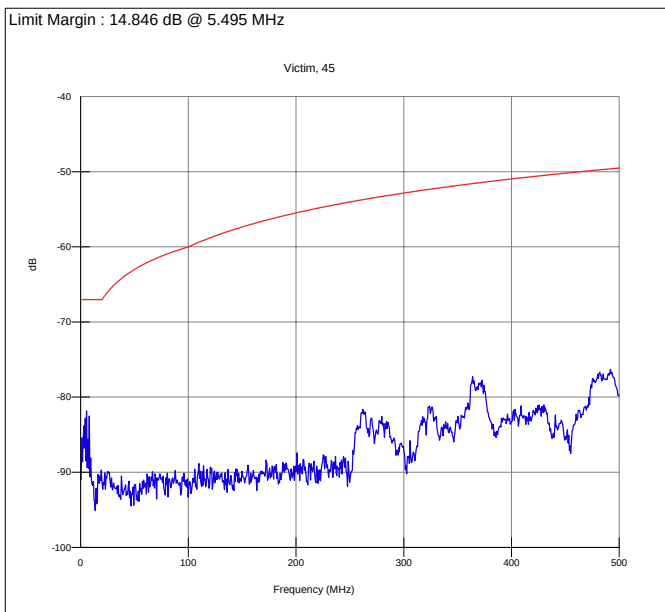
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|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## ANEXT (PowerSum) Near

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

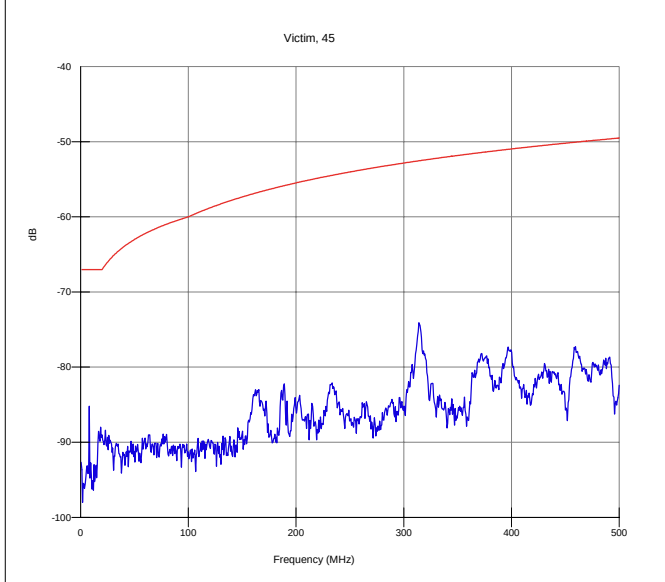




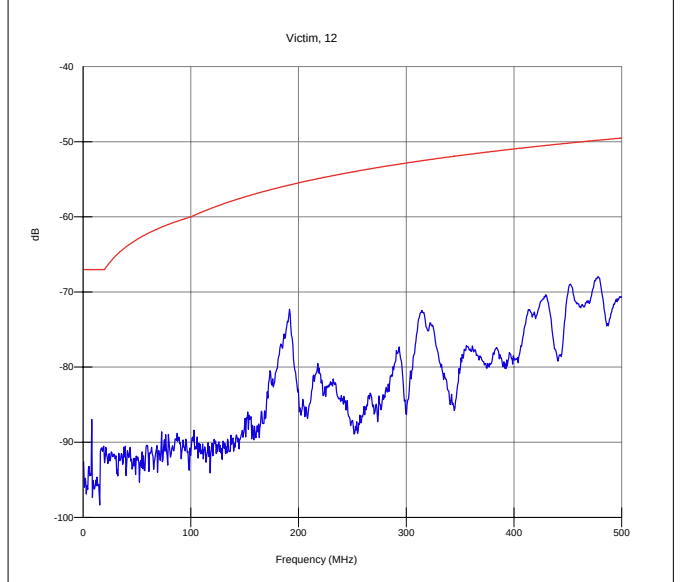
## ANEXT (PowerSum) Far

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

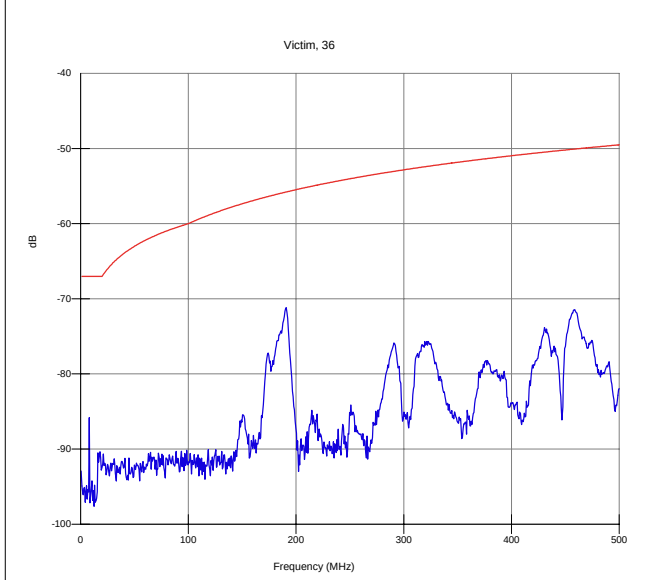
Limit Margin : 18.207 dB @ 7.993 MHz



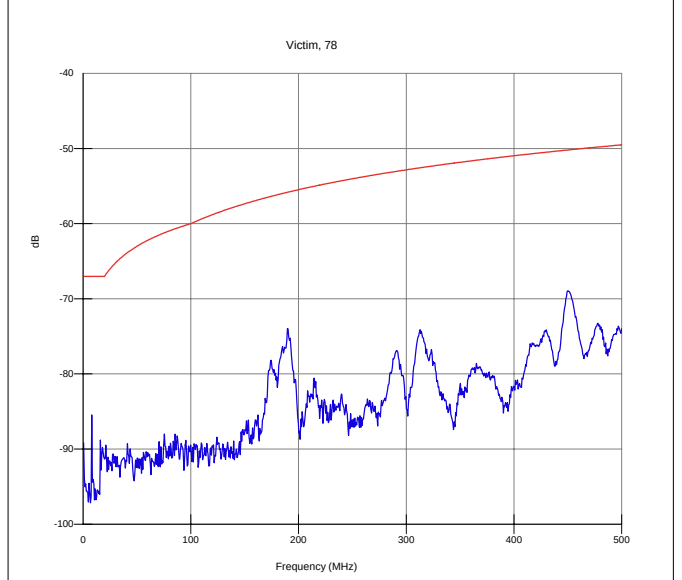
Limit Margin : 16.537 dB @ 191.559 MHz



Limit Margin : 15.399 dB @ 190.934 MHz



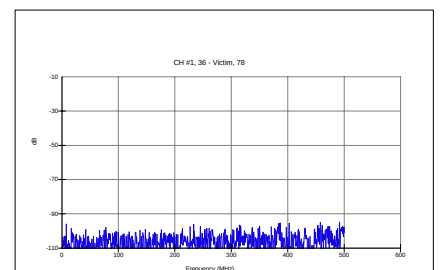
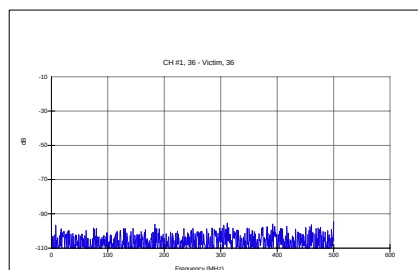
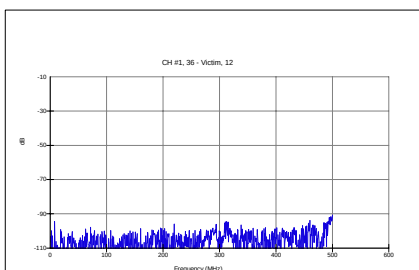
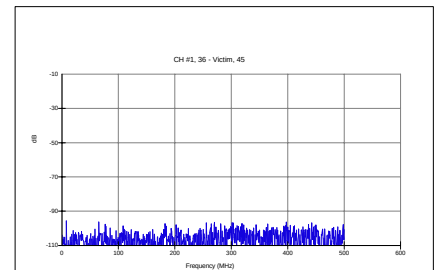
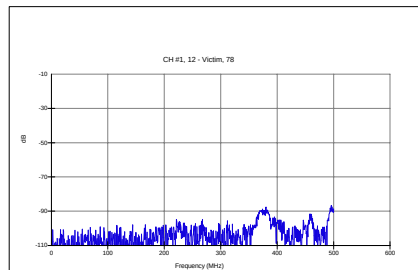
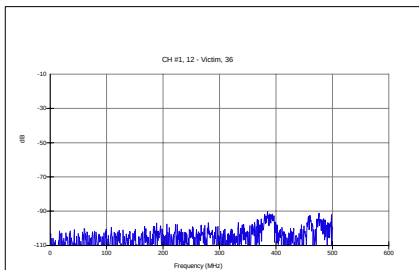
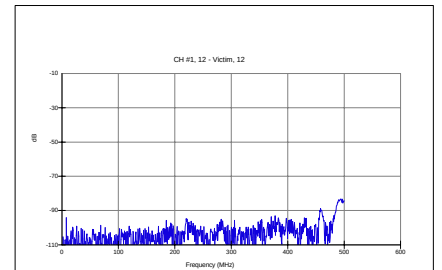
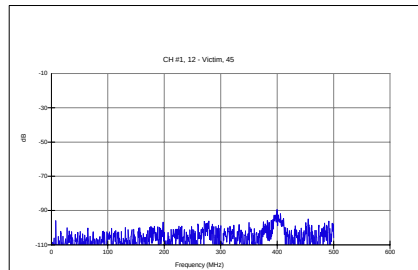
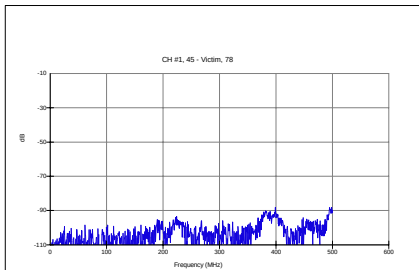
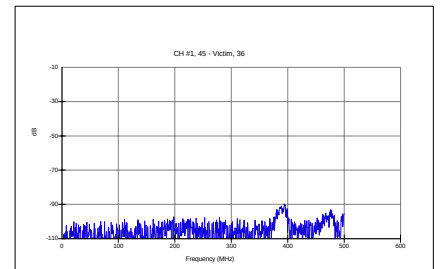
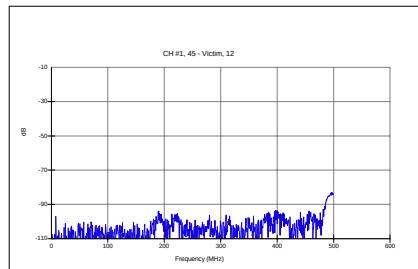
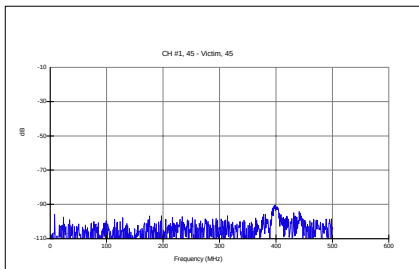
Limit Margin : 18.132 dB @ 189.686 MHz





## AFEXT Near

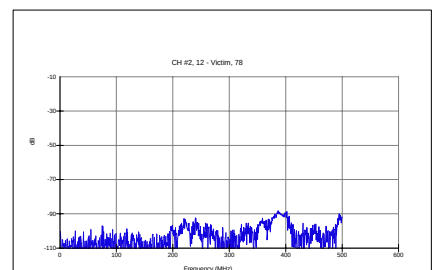
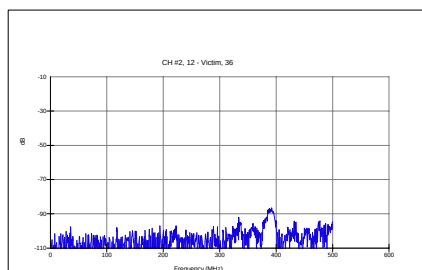
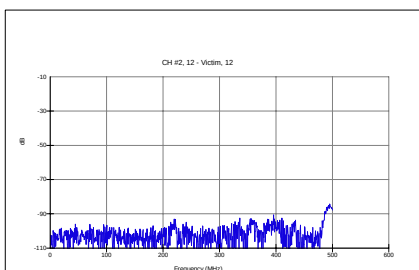
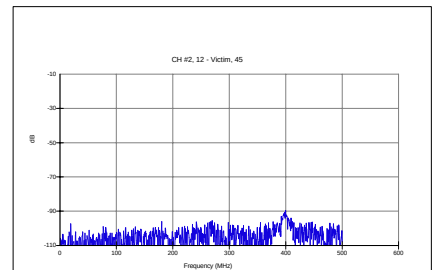
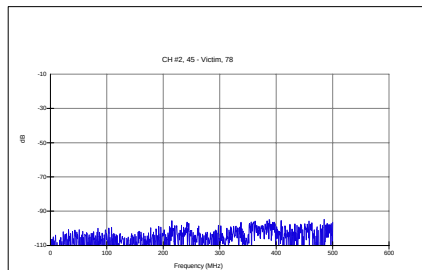
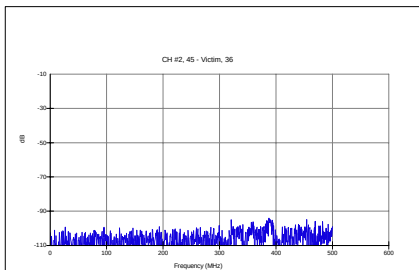
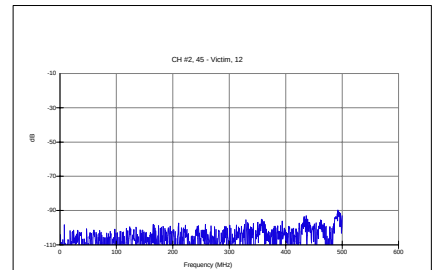
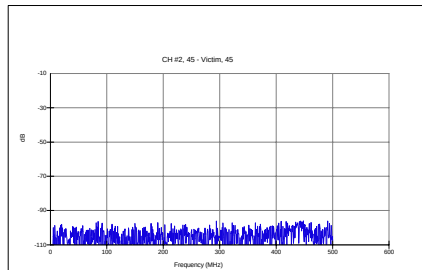
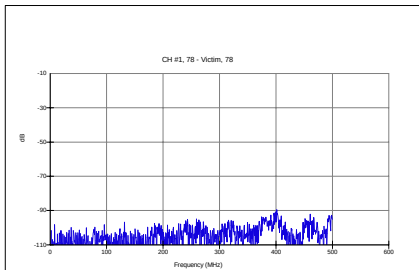
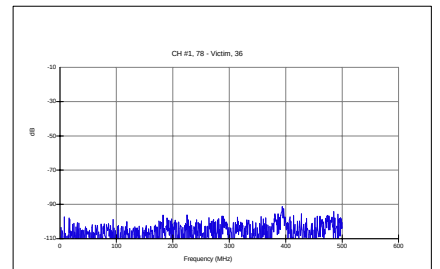
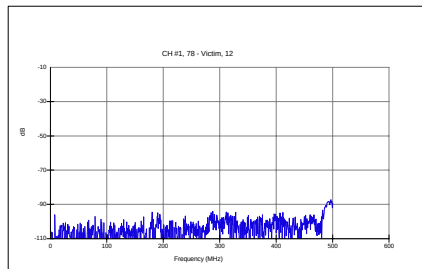
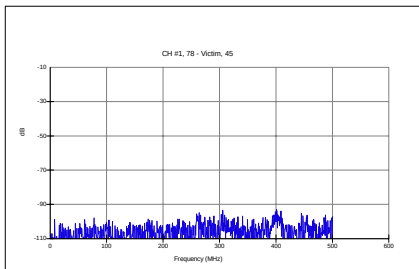
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## AFEXT Near

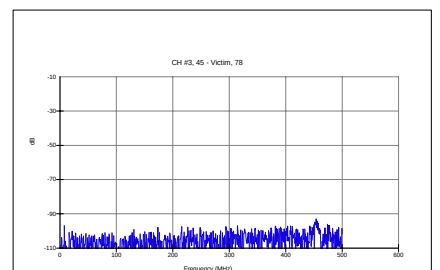
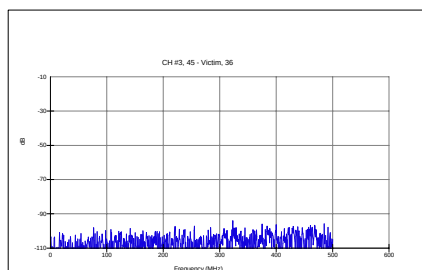
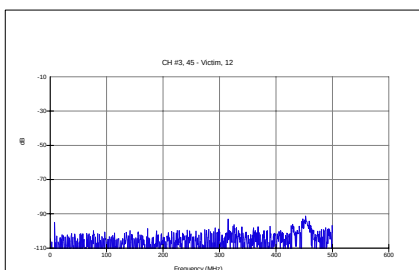
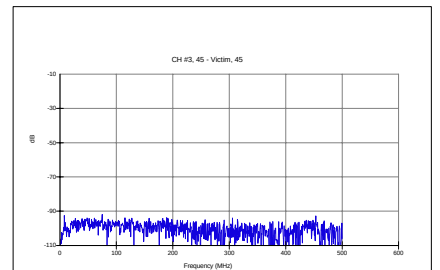
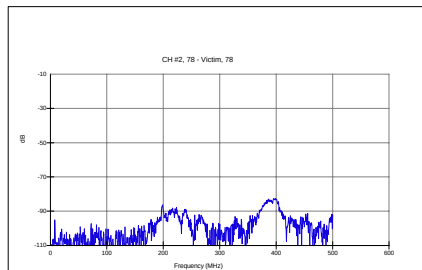
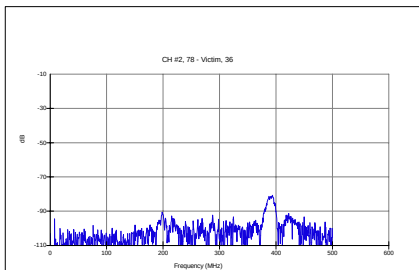
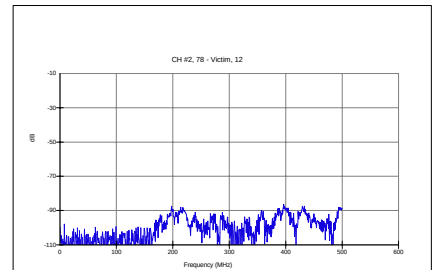
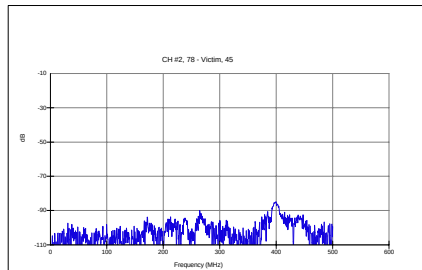
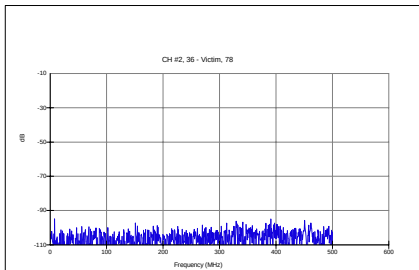
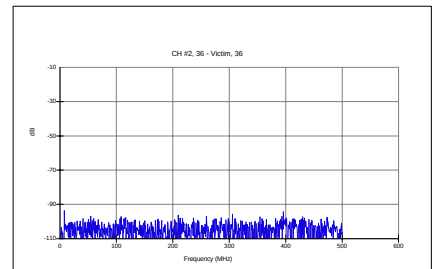
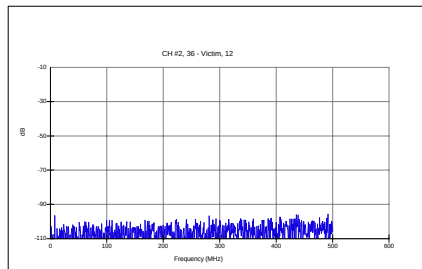
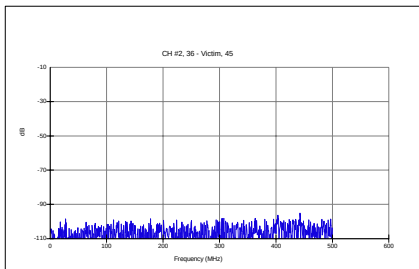
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## AFEXT Near

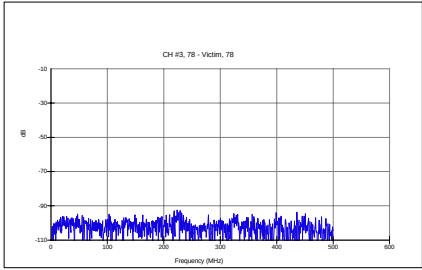
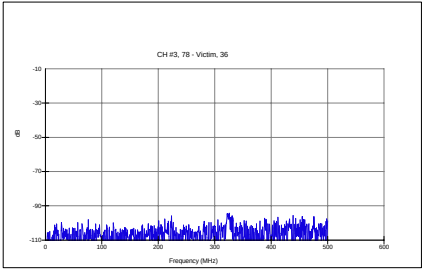
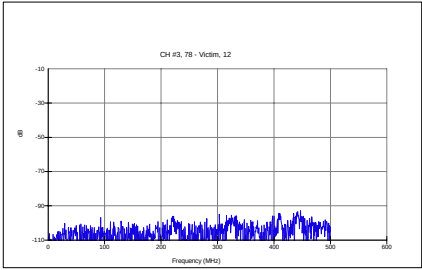
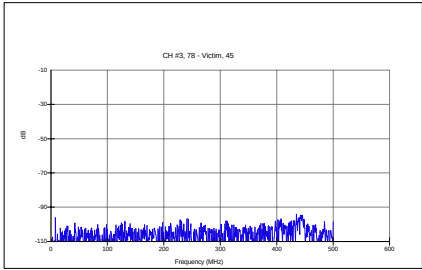
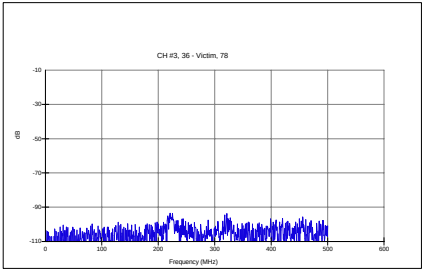
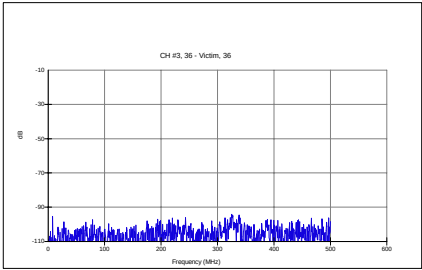
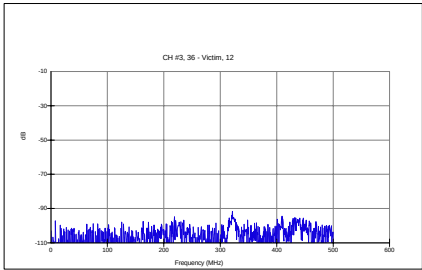
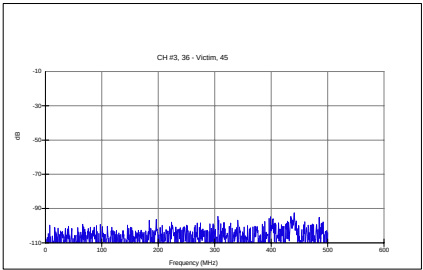
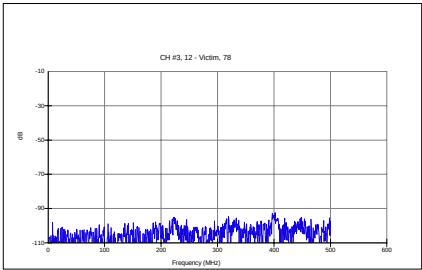
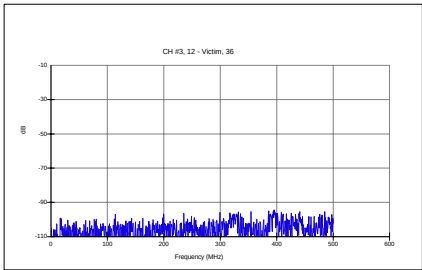
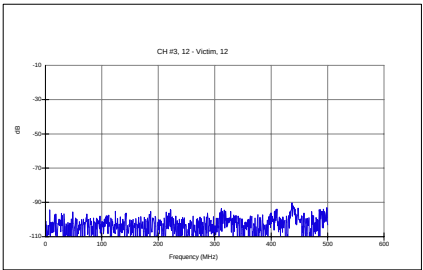
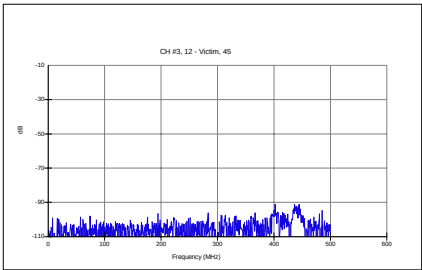
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





AFEXT Near

|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |

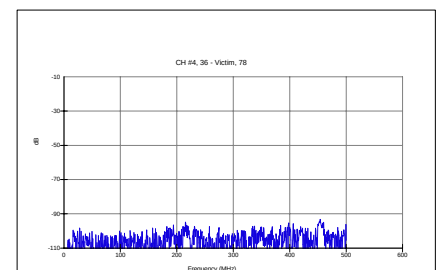
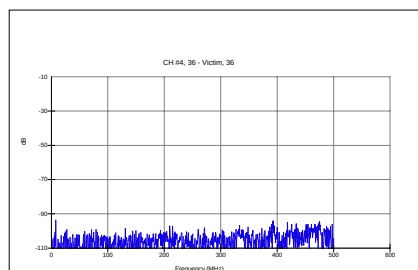
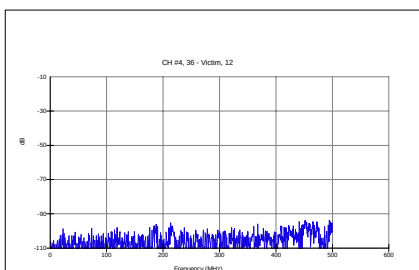
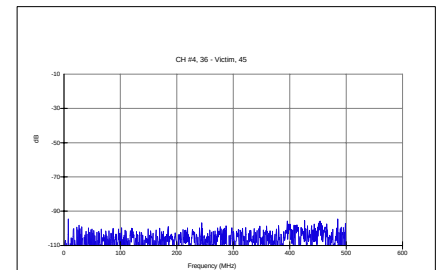
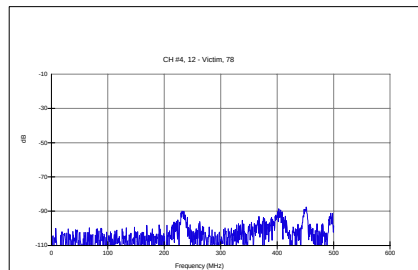
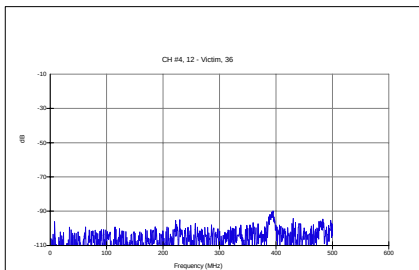
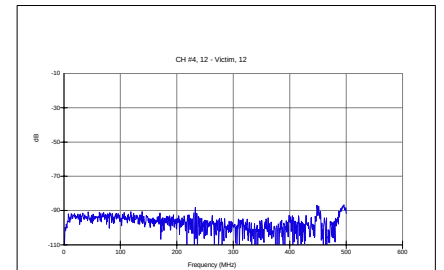
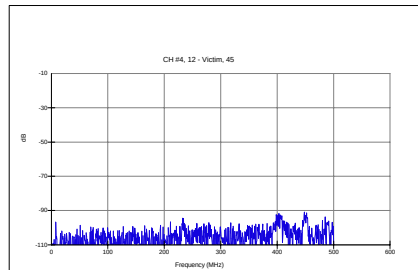
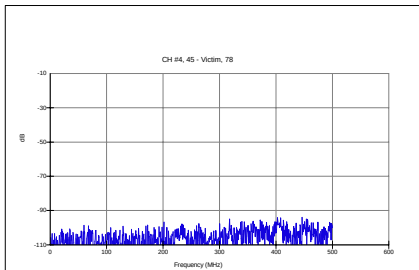
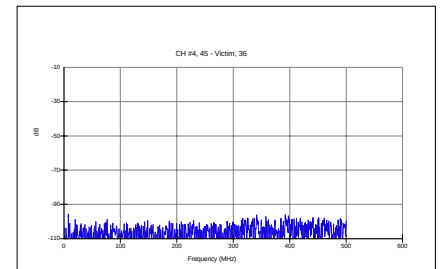
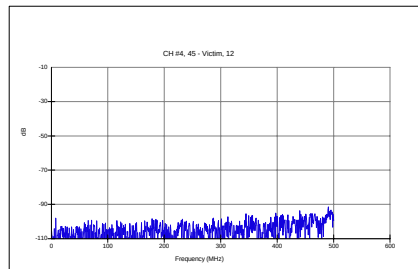
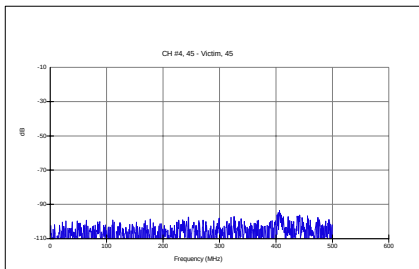






## AFEXT Near

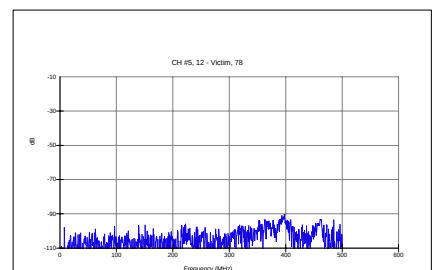
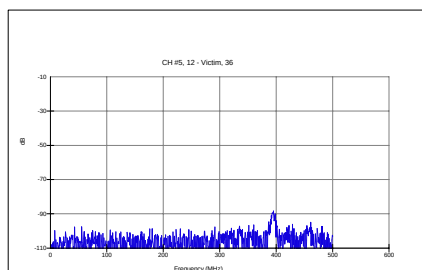
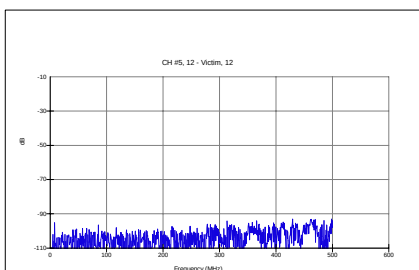
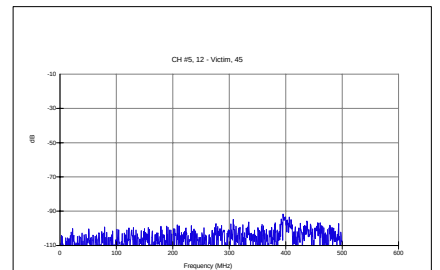
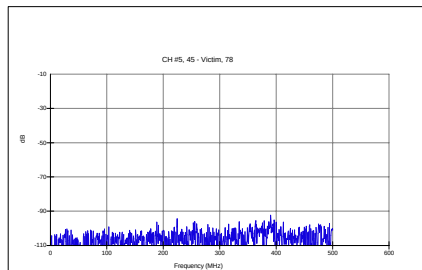
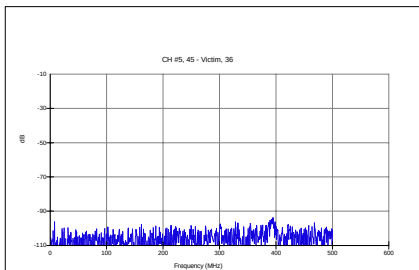
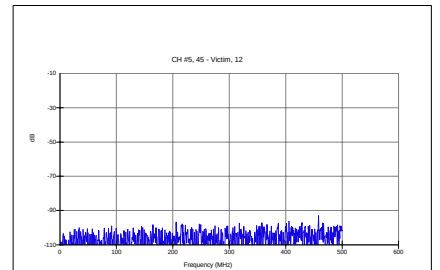
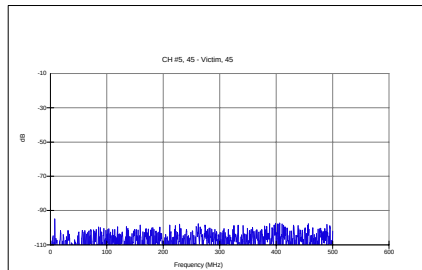
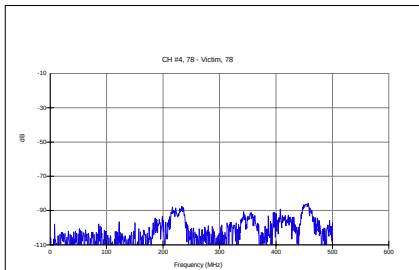
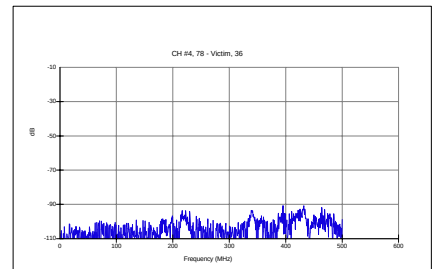
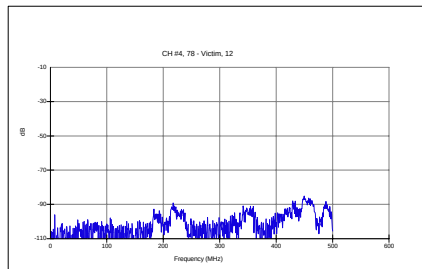
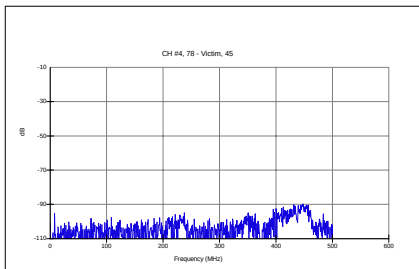
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## AFEXT Near

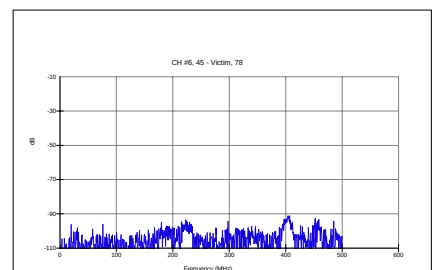
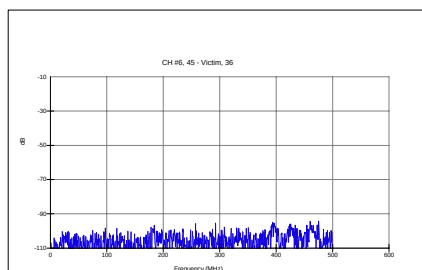
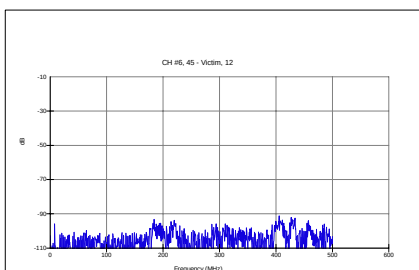
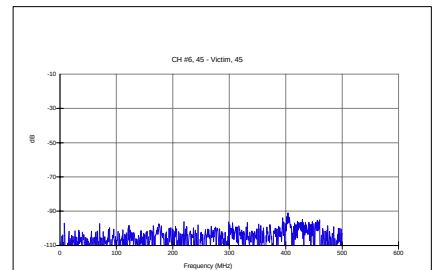
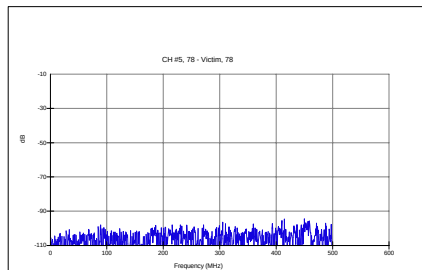
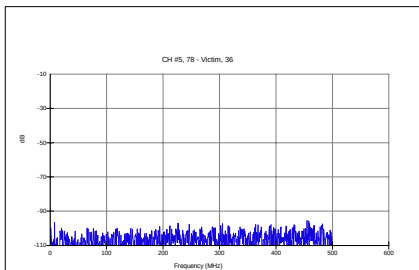
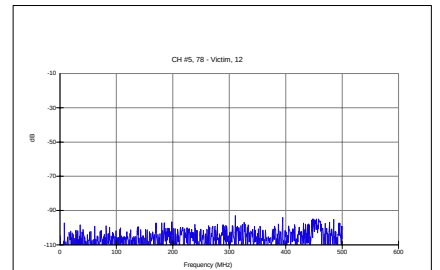
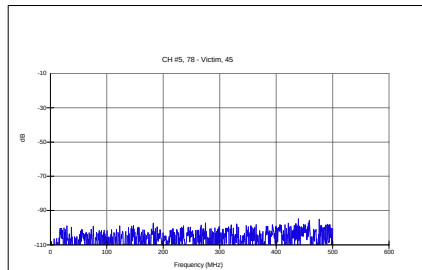
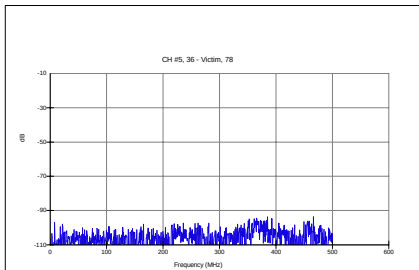
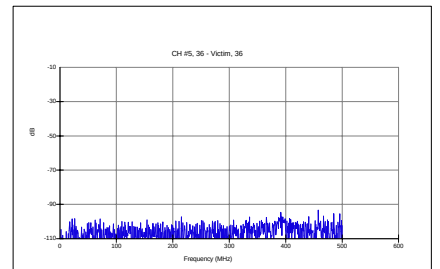
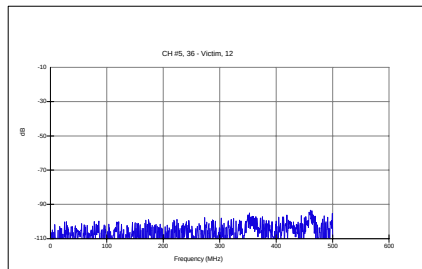
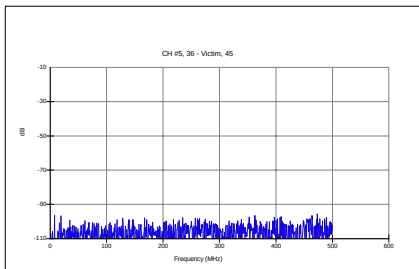
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## AFEXT Near

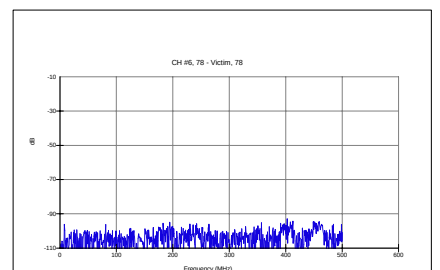
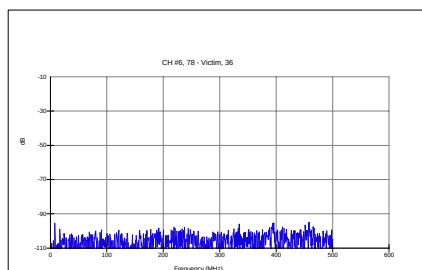
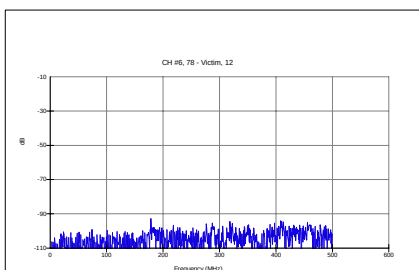
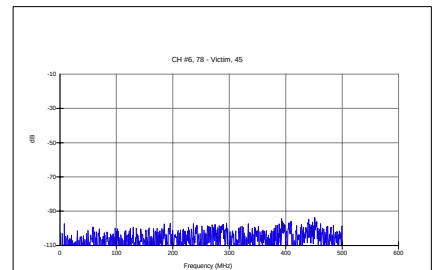
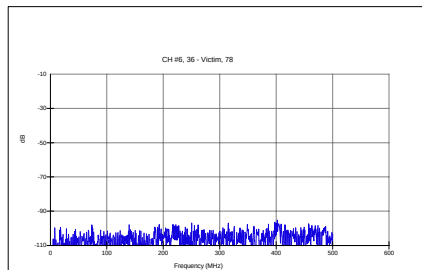
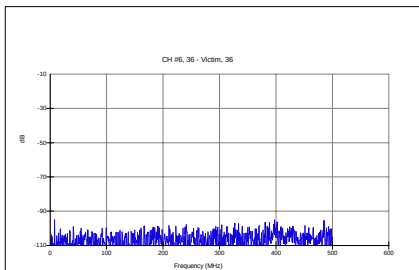
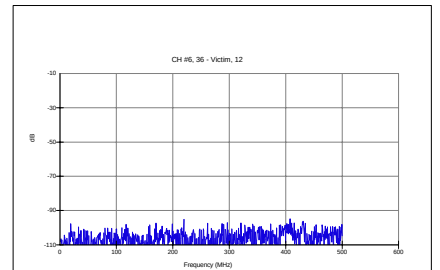
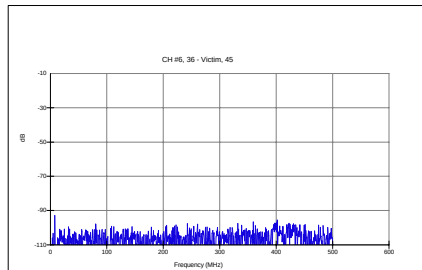
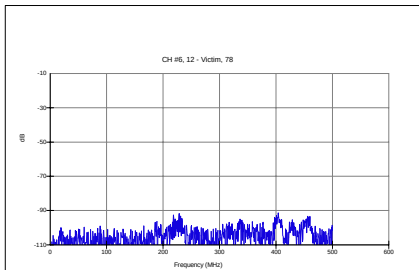
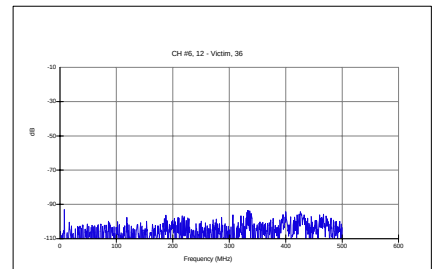
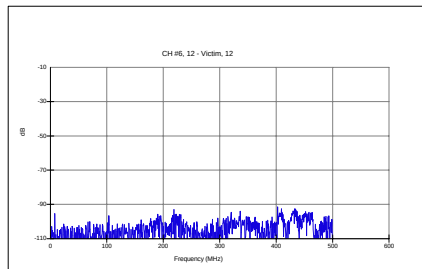
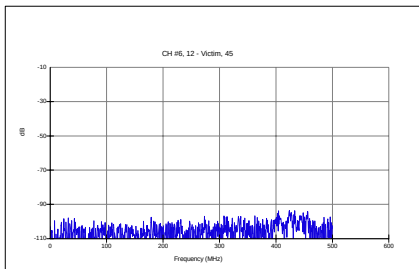
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





## AFEXT Near

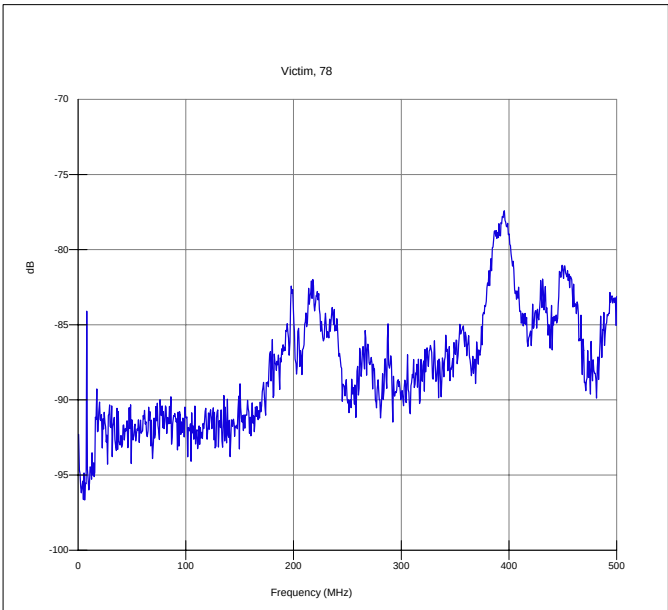
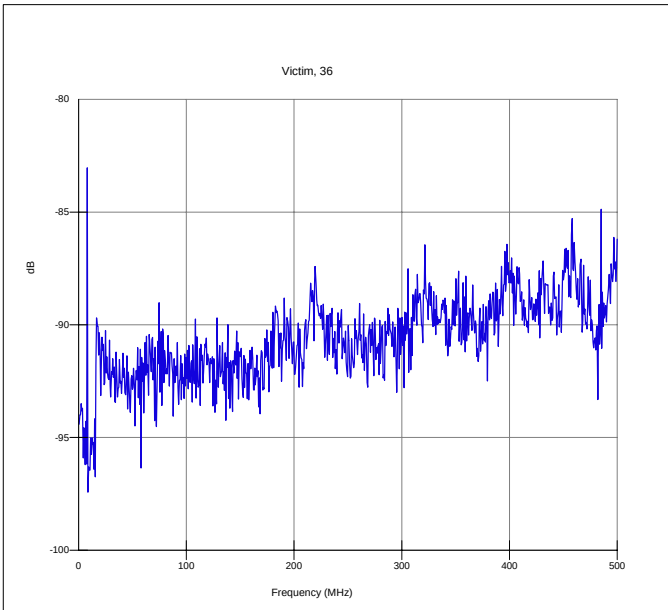
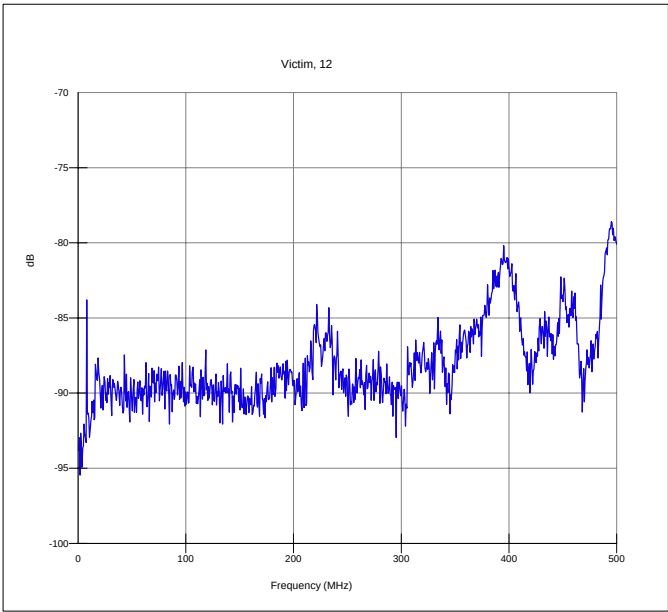
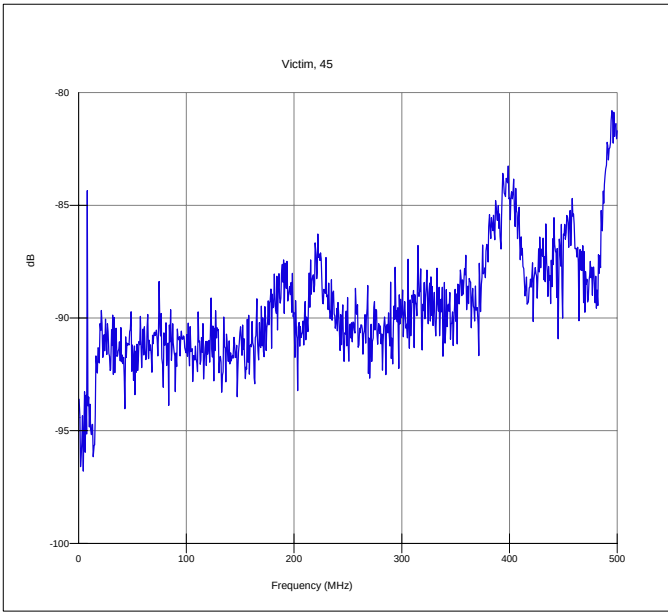
|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |





AFEXT (PowerSum) Near

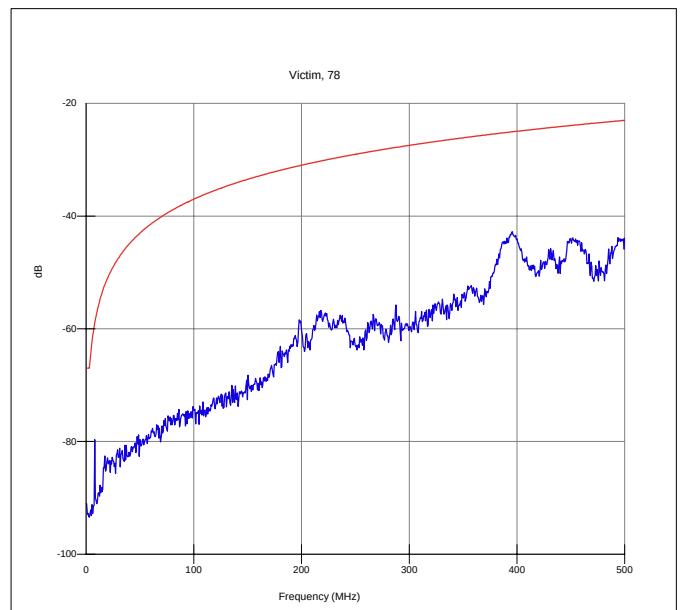
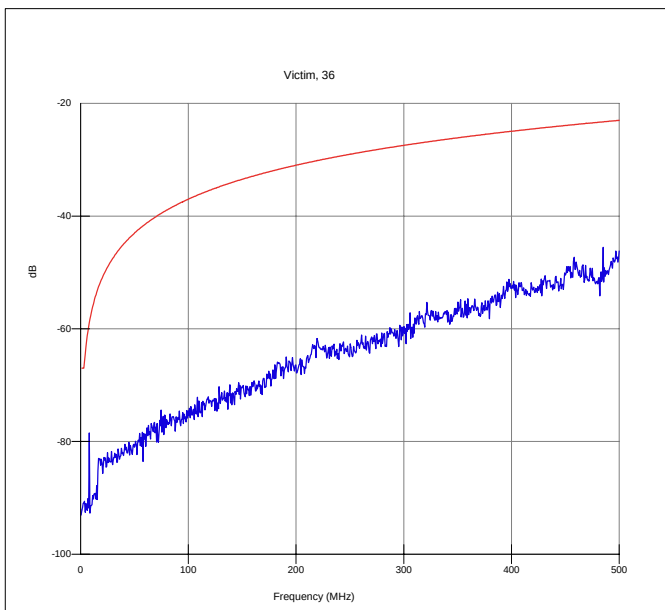
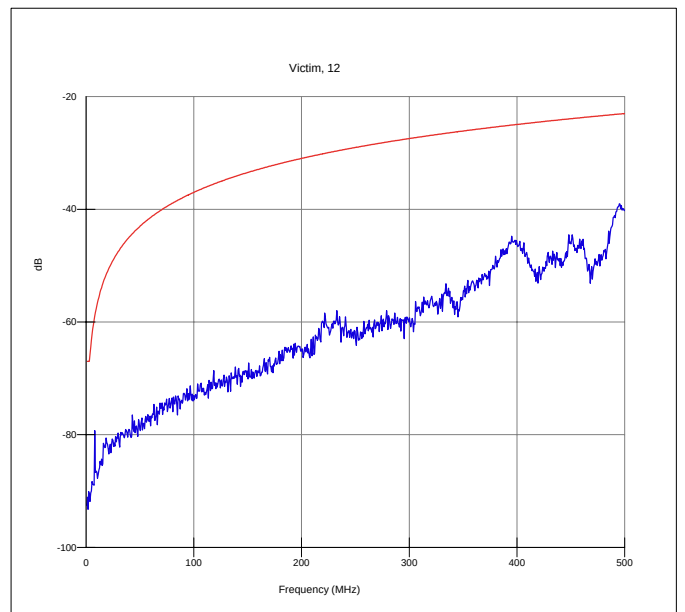
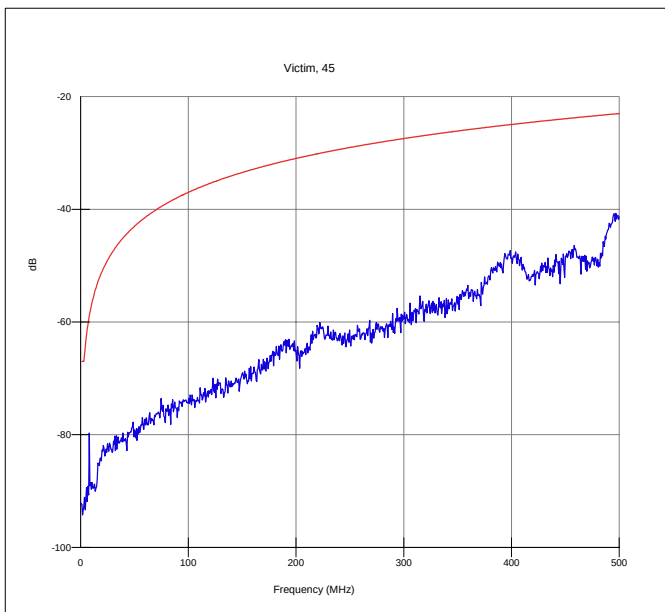
|               |                                |             |                  |
|---------------|--------------------------------|-------------|------------------|
| Client        | Nexxt Solutions                | Project No  | 101002179CRT-002 |
| Specification | ISO-IEC 11801 Class Ea Channel |             |                  |
| Part No       |                                | Length(m)   | 94.              |
| Test Started  | 1/31/2013 10:22:04 AM          | Temperature | 20 °C            |
| Description   | 4 Connector Channel            | Appendix    | B                |
| Operator Name | John Cash                      | Test Status | Complies         |





## PSAACRF/PSAELFEXT Near

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

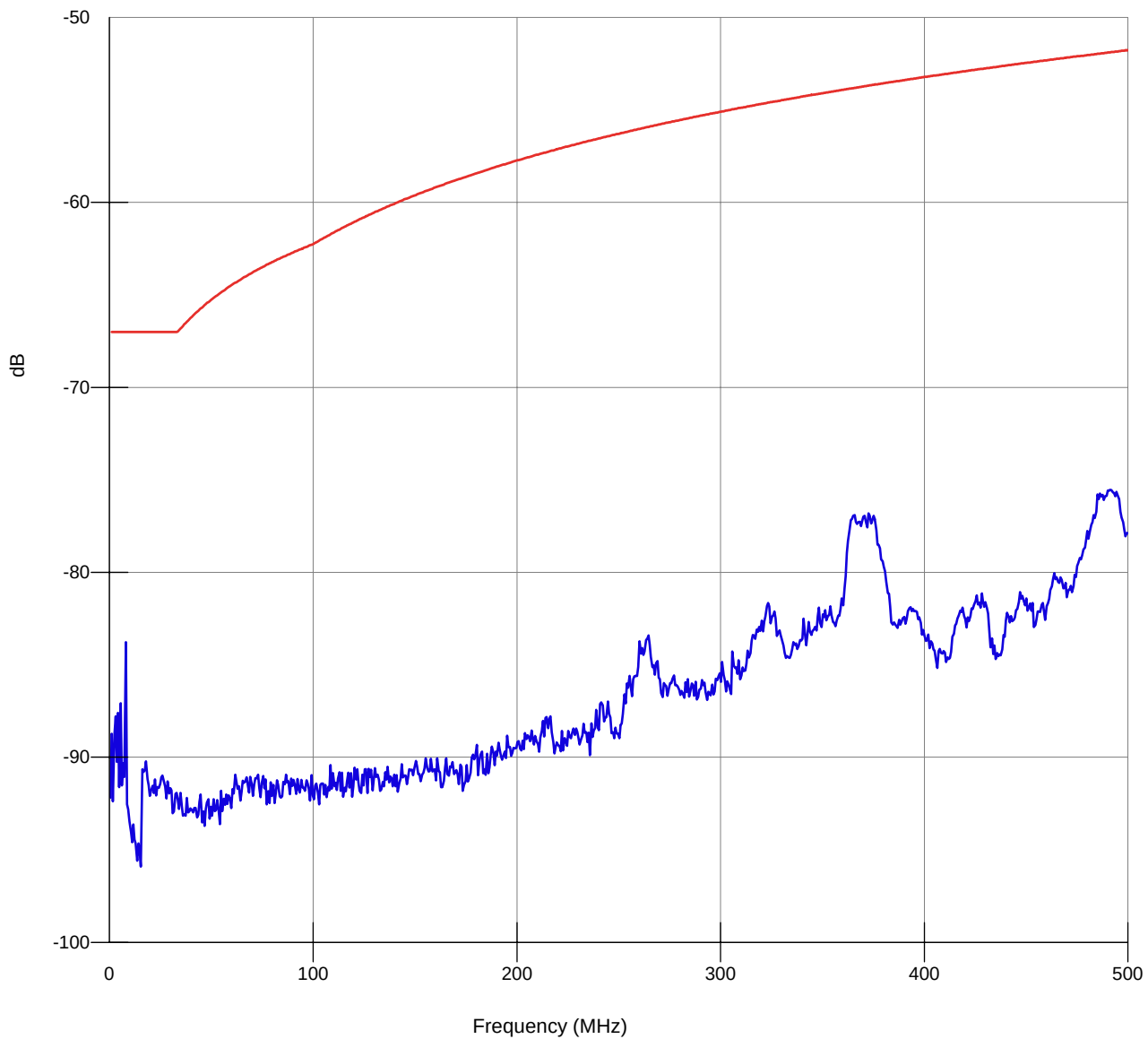




## ANEXT (PowerSum Average) Near

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

Limit Margin : 16.771 dB @ 7.993 MHz

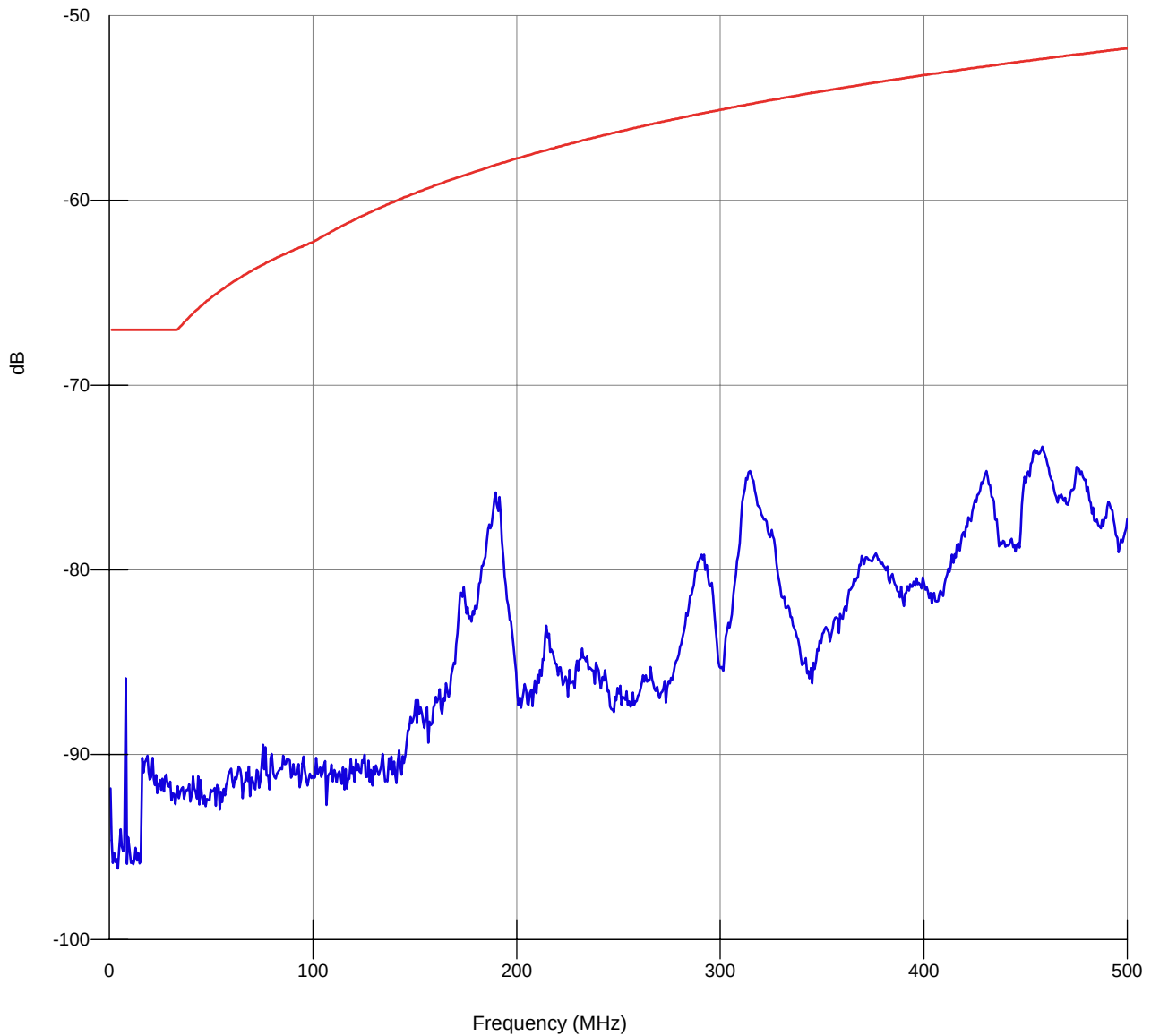




## ANEXT (PowerSum Average) Far

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

Limit Margin : 17.731 dB @ 189.686 MHz







## PSAACRF/PSAELFEXT (Average) Near

|                      |                                |                    |                  |
|----------------------|--------------------------------|--------------------|------------------|
| <b>Client</b>        | Nexxt Solutions                | <b>Project No</b>  | 101002179CRT-002 |
| <b>Specification</b> | ISO-IEC 11801 Class Ea Channel |                    |                  |
| <b>Part No</b>       |                                | <b>Length(m)</b>   | 94.              |
| <b>Test Started</b>  | 1/31/2013 10:22:04 AM          | <b>Temperature</b> | 20 °C            |
| <b>Description</b>   | 4 Connector Channel            | <b>Appendix</b>    | B                |
| <b>Operator Name</b> | John Cash                      | <b>Test Status</b> | Complies         |

