

EQUIPMENT LIST:

The following equipment was employed in conducting the tests.

<u>Equipment Used</u>	<u>Model Number</u>	<u>Serial Number</u>	<u>Calibration Date</u>
Hewlett Packard Automatic Cable Test System	HP46152A	3903U01003	03/06/2008

SAMPLE DESCRIPTION:

(4 Connectors channel, bundled in a 6 around 1 configuration)



<u>Component ID</u>	<u>Manufacturer</u>	<u>Part Number</u>	<u>Description</u>
1, 3, 7, 9	Dan-Chief	415S-8-C6A-xx	Cat. 6A STP Cord
2	Dan-Chief	QCSS-ABL-C6A	Cat. 6A STP Keystone Jack
4	Dan-Chief	QBSS-ABL-C6A	Cat. 6A STP Keystone Jack
5	Dan-Chief	SSTP-4231-C6A	Cat. 6A SSTP Horizontal Cable
6	Dan-Chief	3012KM-24QCSSL-C6A	Cat. 6A STP Patch Panel
8	Dan-Chief	3012KW-24-2100L-C6A	Cat. 6A STP Feed-Through Patch Panel

The samples were received on December 3, 2008 and were in good condition. All samples were selected by an Intertek representative.

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

CONCLUSION:

The channel configuration, as previously described and selected by an Intertek field representative, was tested in accordance with the standard listed herein, and did comply with the indicated applicable transmission requirements. The testing was performed at Intertek located in Cortland, New York.

These procedures and requirements were taken from the standards referred to on page 1.

Reviewed and Approved By:

Antoine Pelletier
Antoine Pelletier
Engineer
Global Cabling Products Testing

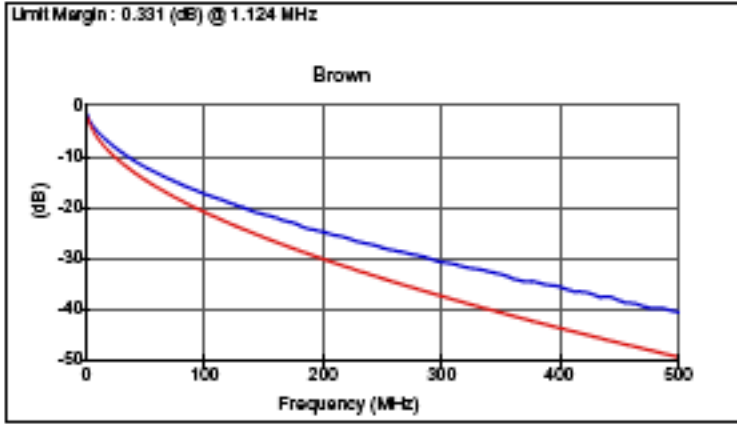
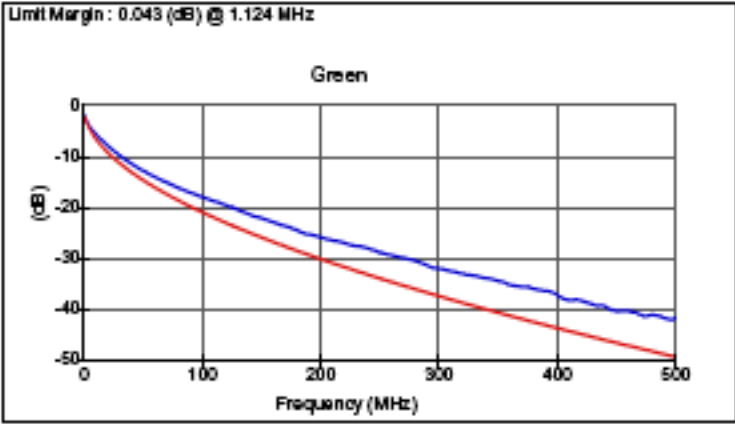
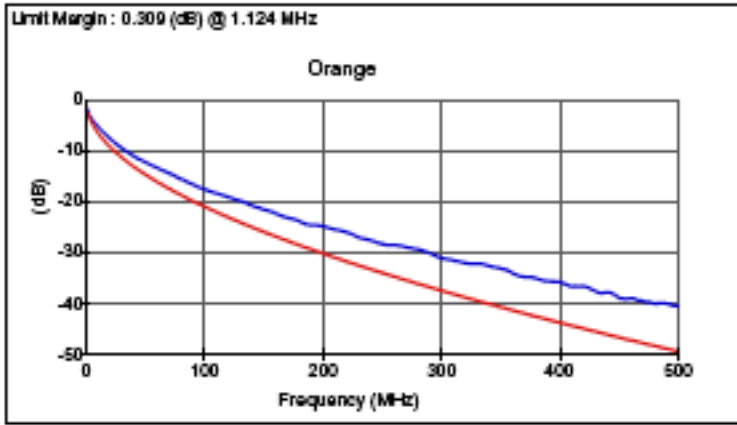
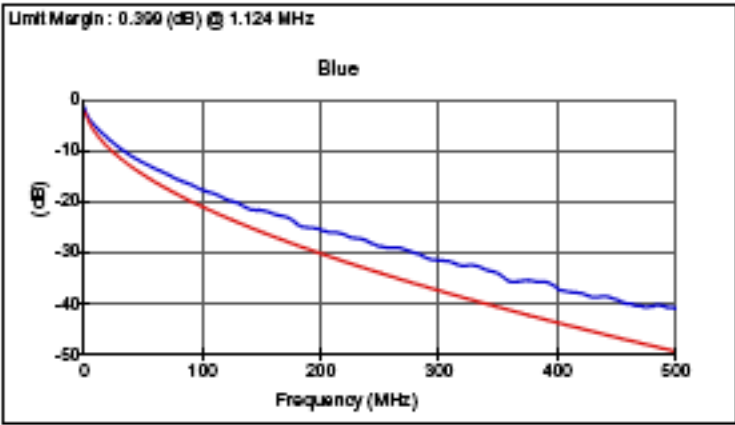
John Cash
John Cash
Technician
Global Cabling Products Testing

Kathy Heath
Kathy Heath
Project Coordinator
Global Cabling Products Testing



Attenuation (Near End)

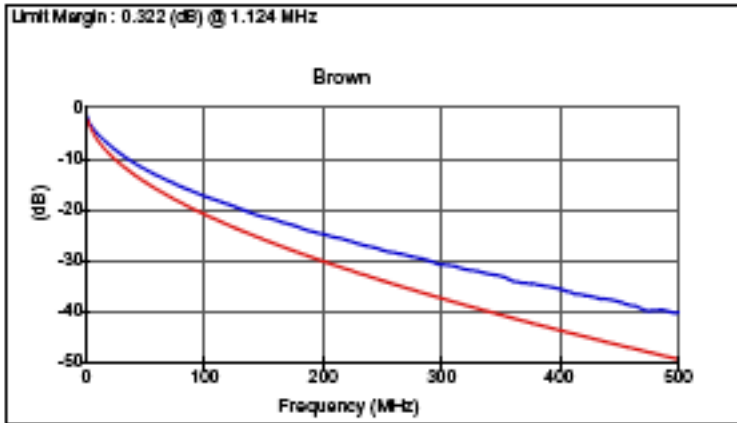
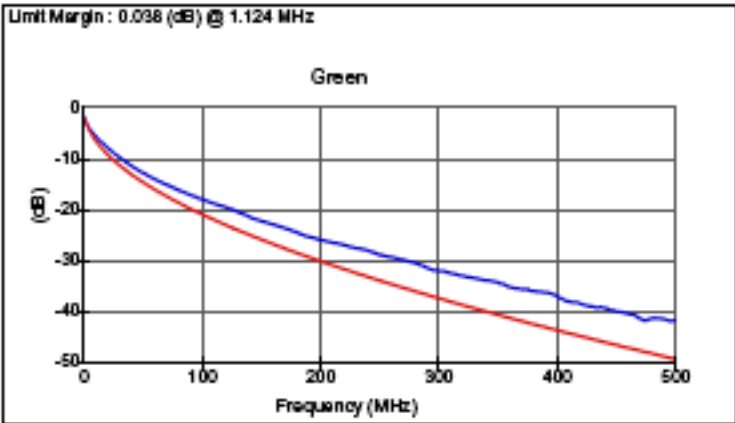
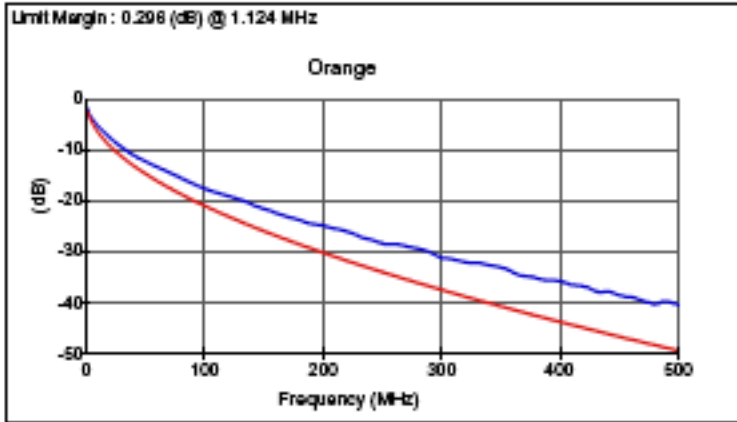
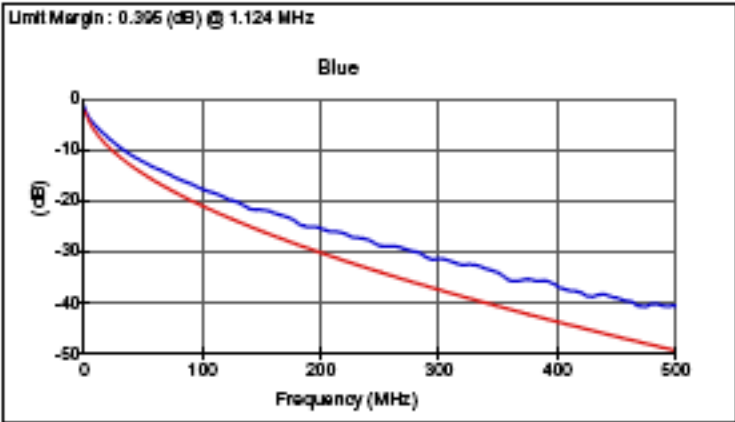
Client	Dan-Chief	Project No	3154740CRT-011
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)	Length(m)	100.
Part No	SSTP-4231-C6A	Temperature	20 °C
Test Started	12/18/2008 10:47:30 AM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Attenuation (Far End)

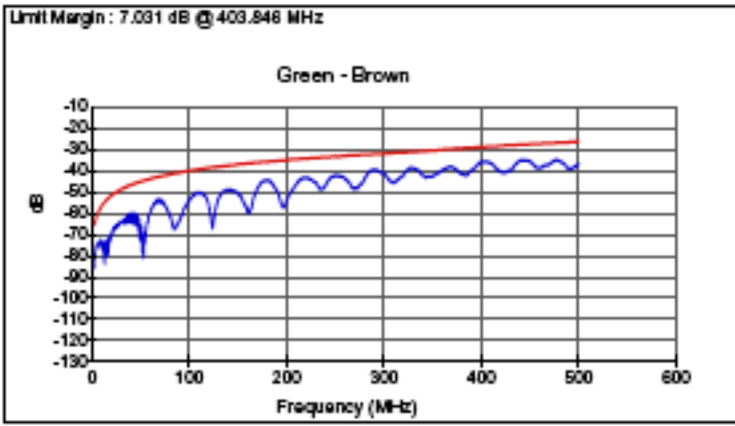
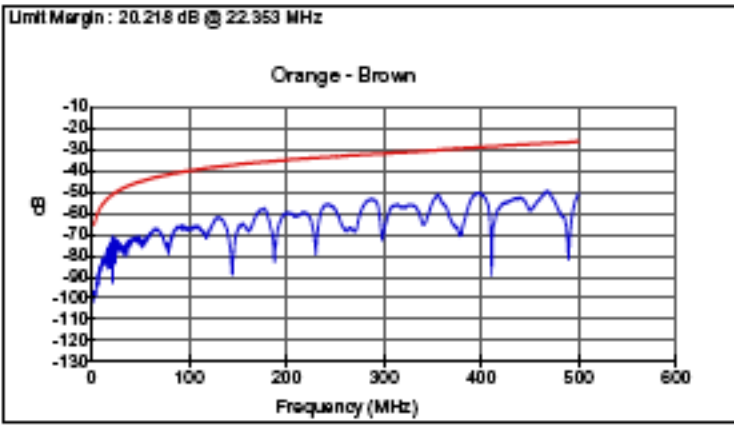
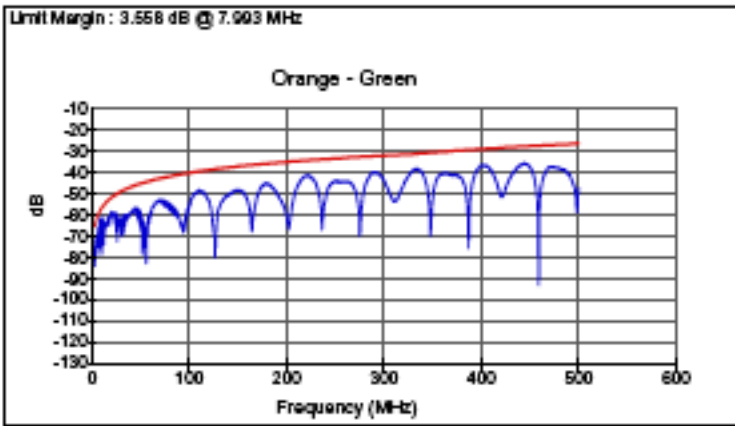
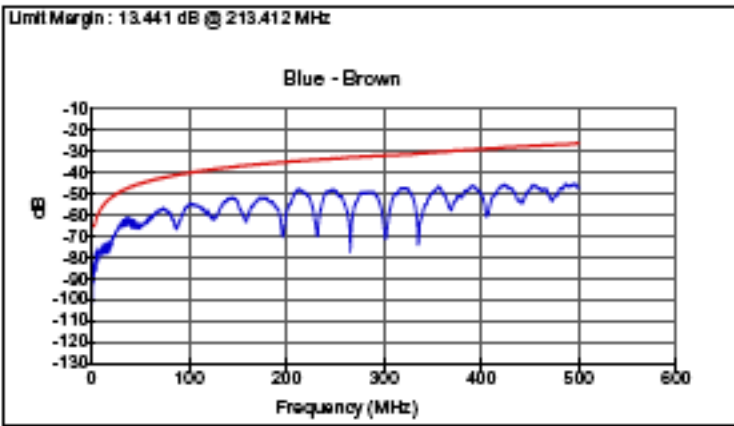
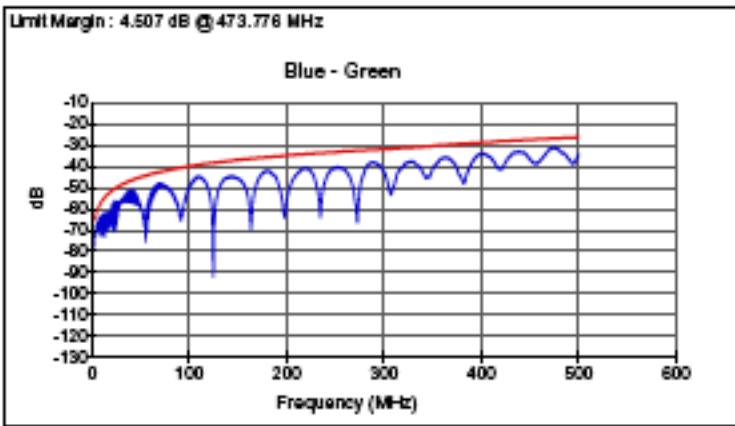
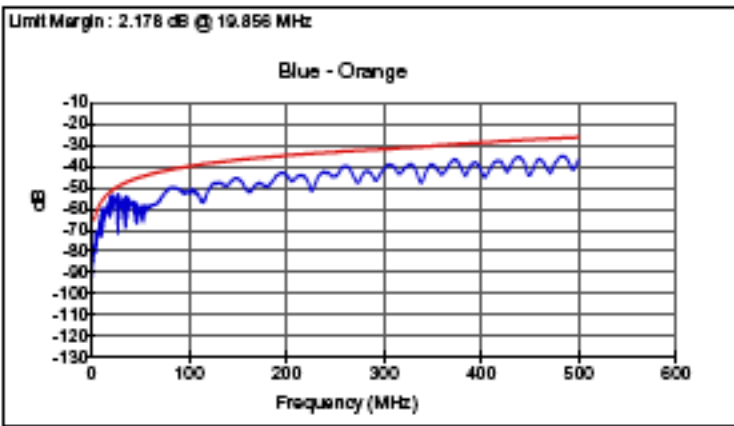
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Operator Name	John Cash		





Near End Cross Talk (Near End)

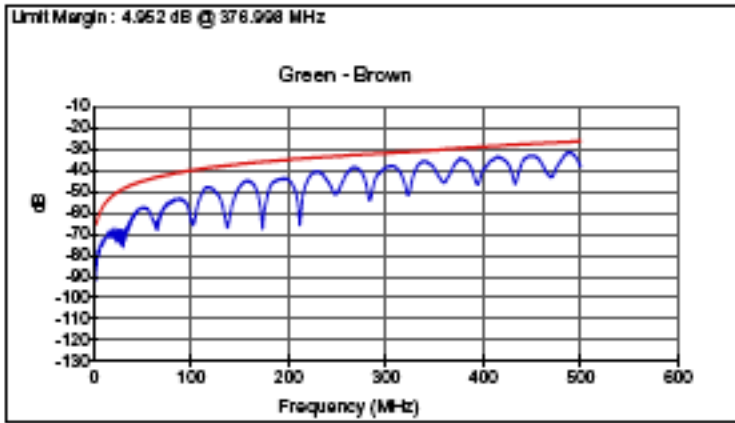
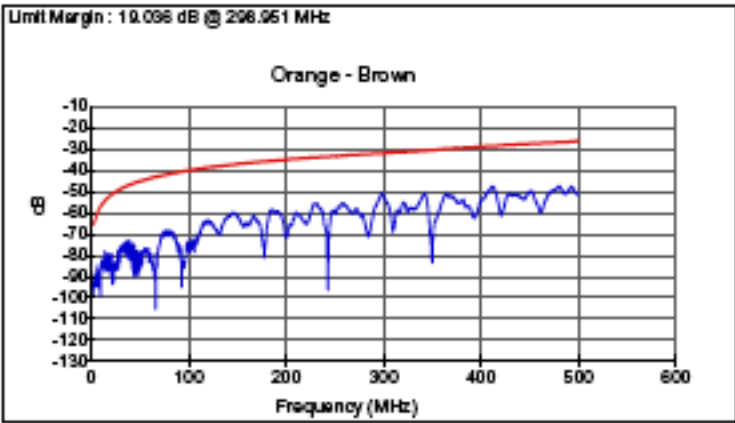
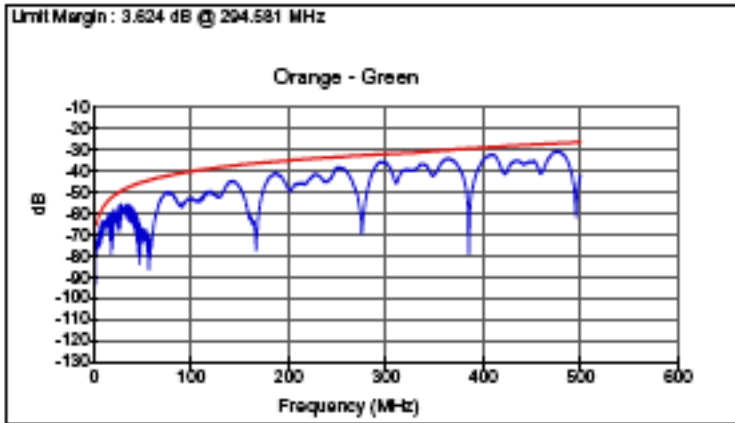
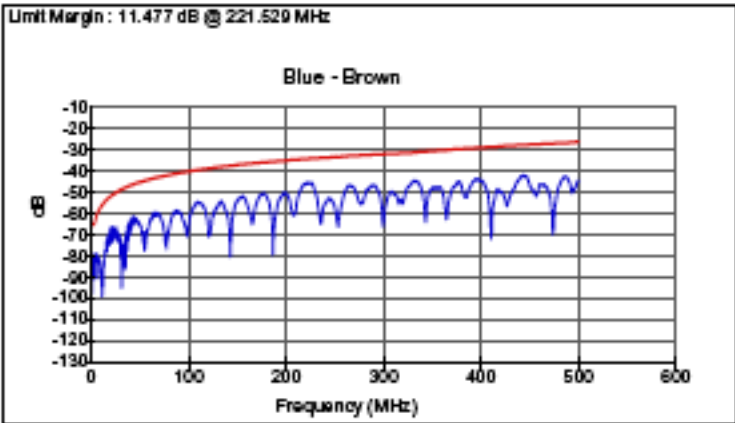
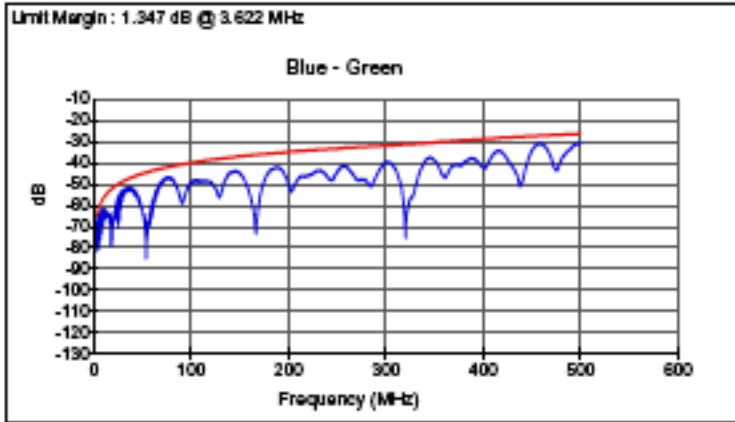
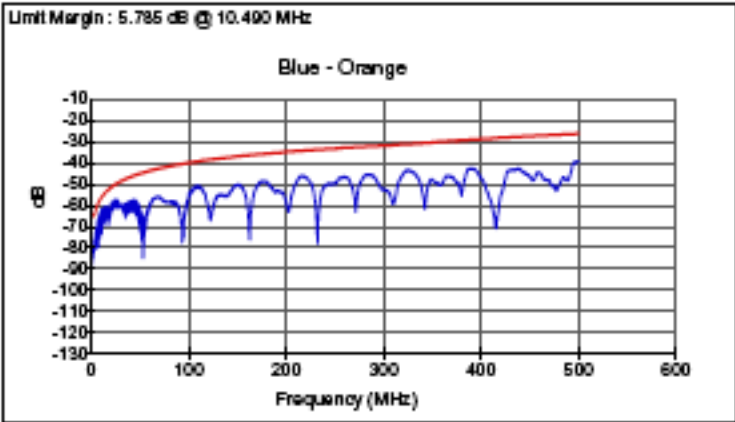
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Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)	Length(m)	100.
Part No	SSTP-4231-C6A	Temperature	20 °C
Test Started	12/18/2008 10:47:30 AM	Appendix	A
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Operator Name	John Cash		





Near End Cross Talk (Far End)

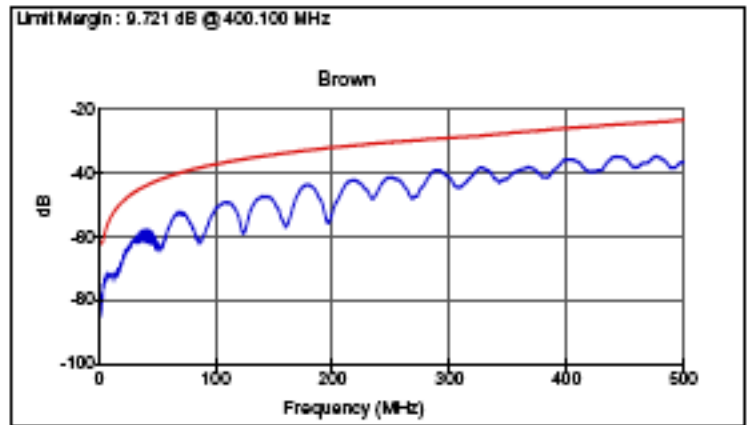
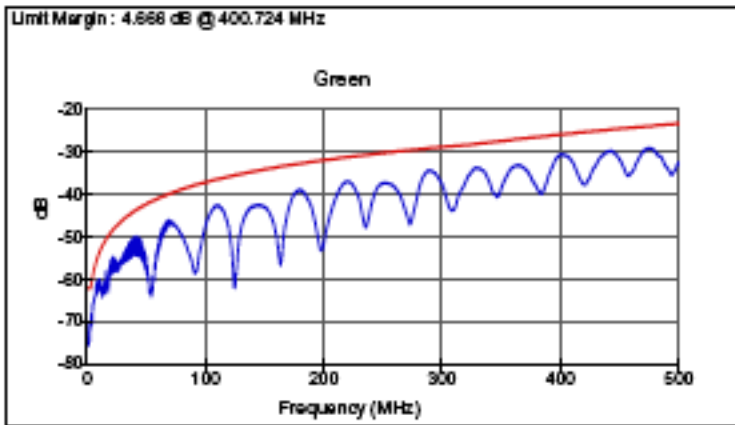
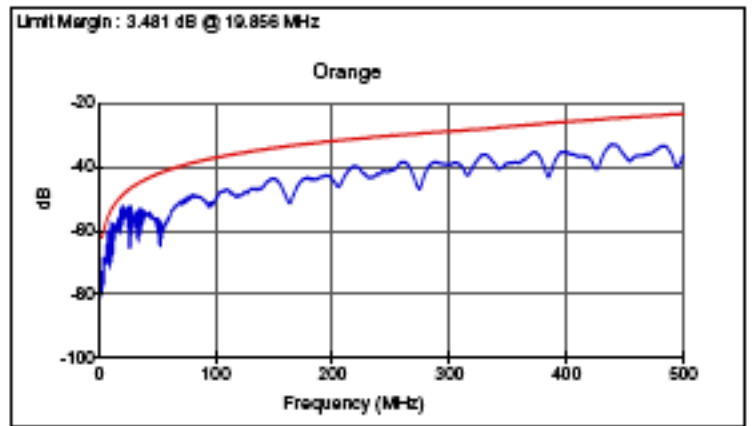
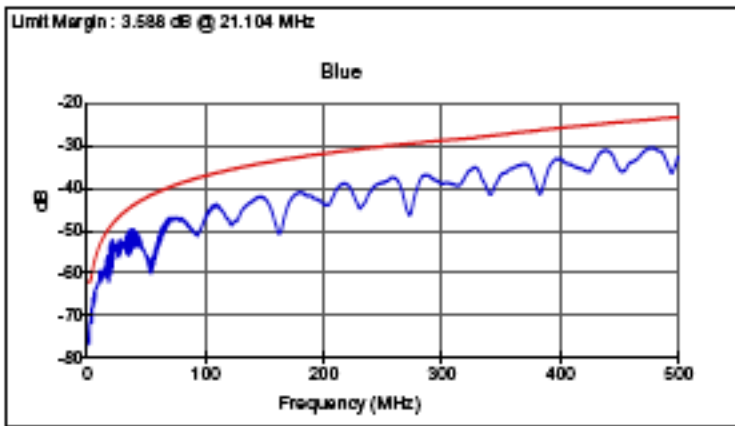
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Operator Name	John Cash		





Power Sum NEXT (Near End)

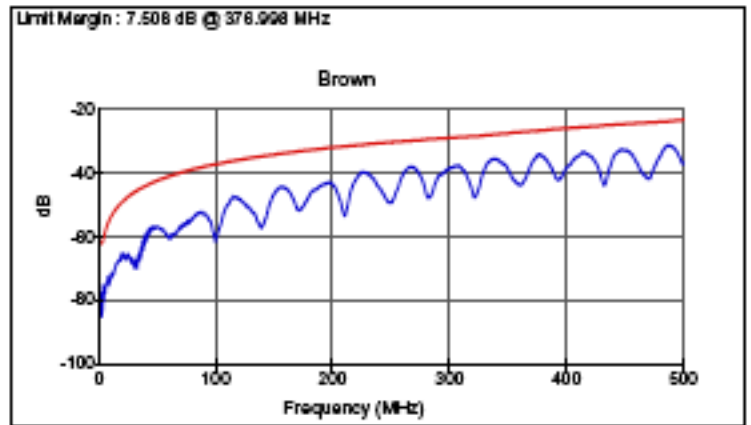
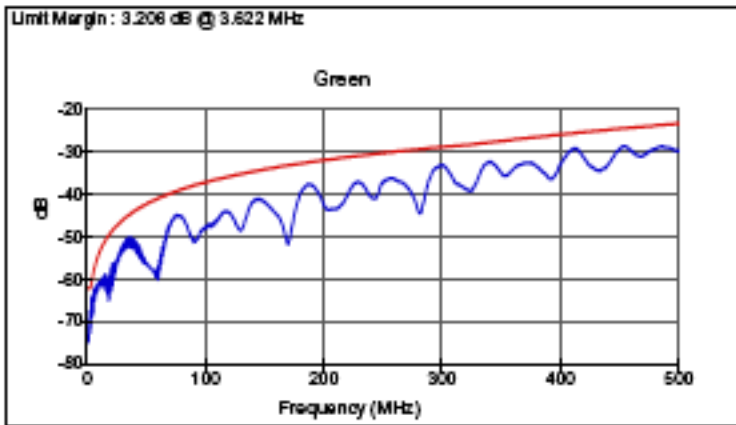
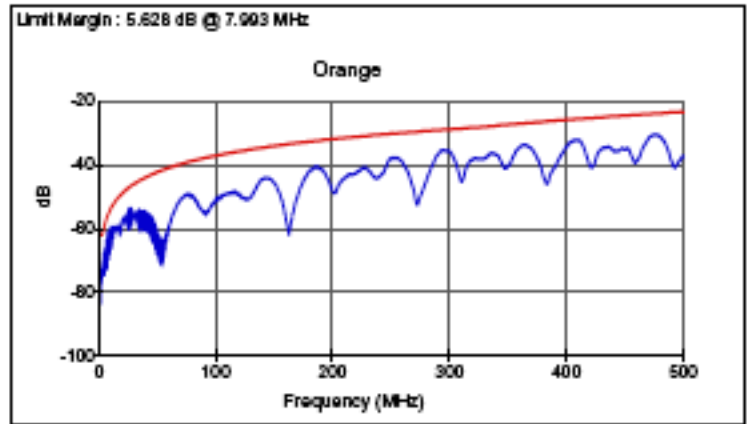
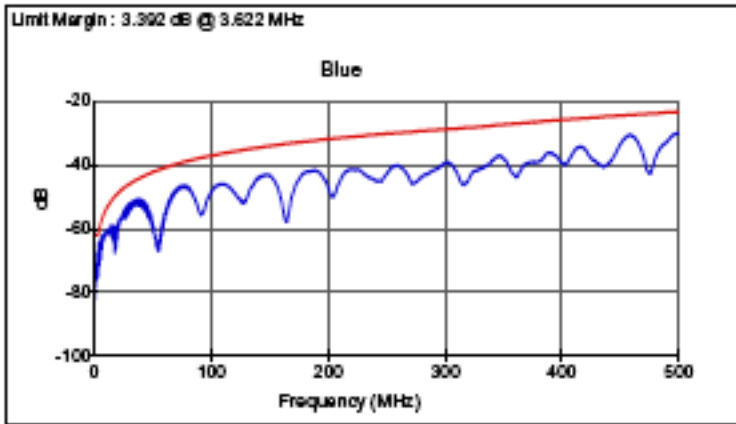
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Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)	Length(m)	100.
Part No	SSTP-4231-C6A	Temperature	20 °C
Test Started	12/18/2008 10:47:30 AM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		





Power Sum NEXT (Far End)

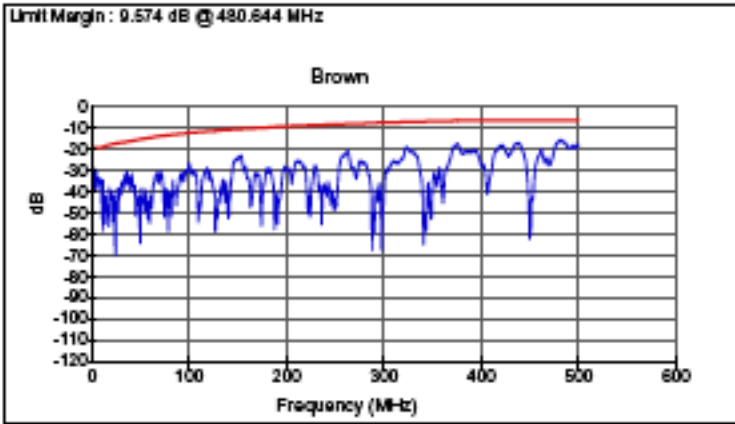
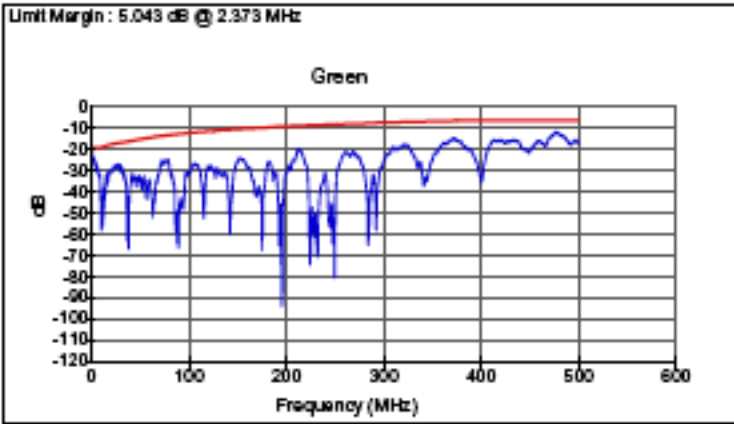
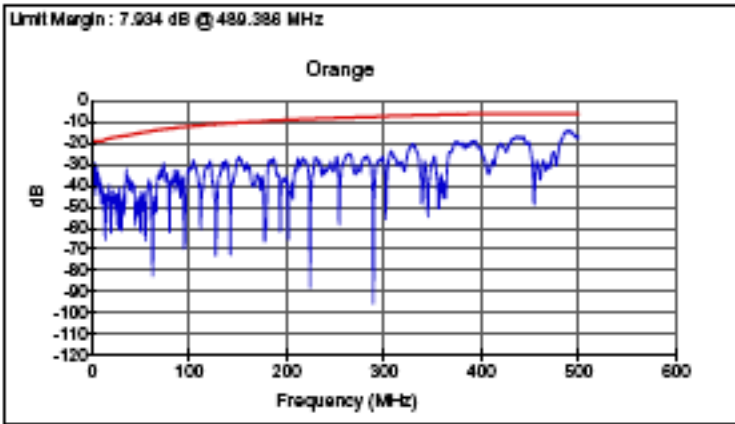
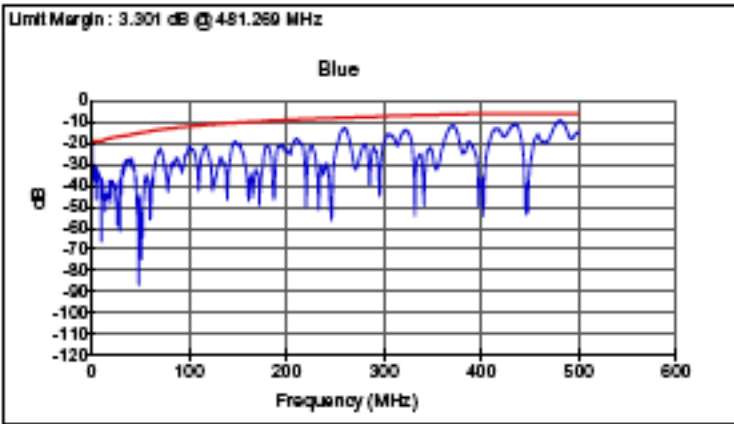
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Test Started	12/18/2008 10:47:30 AM	Appendix	A
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Operator Name	John Cash		





Return Loss (Near End)

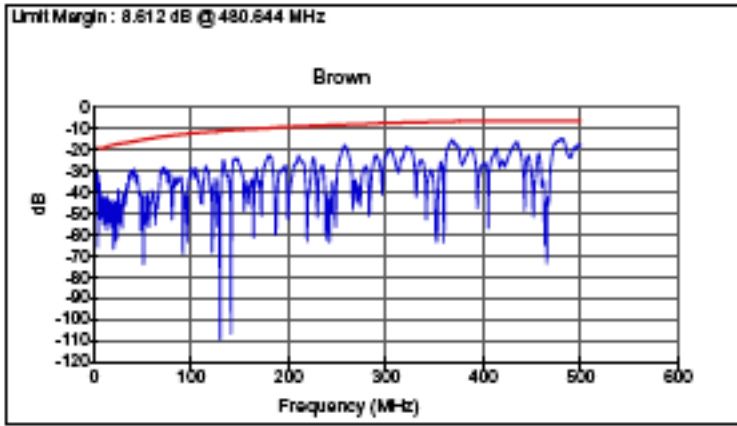
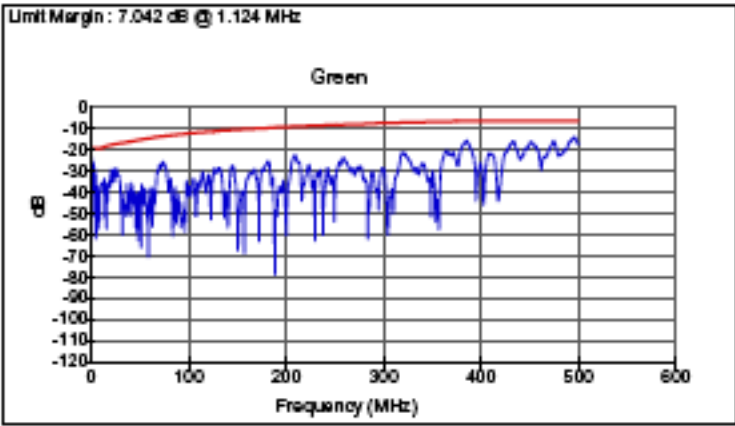
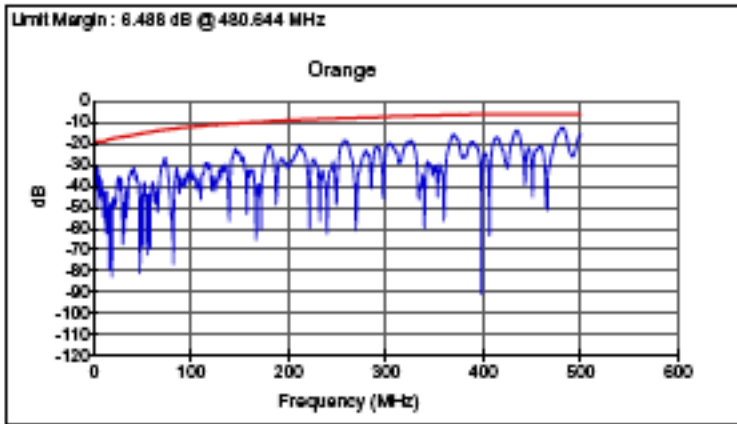
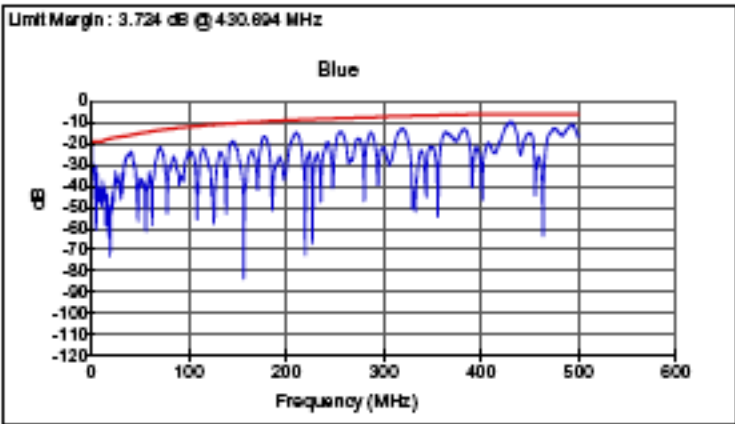
Client	Dan-Chief	Project No	3154740CRT-011
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)	Length(m)	100.
Part No	SSTP-4231-C6A	Temperature	20 °C
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Operator Name	John Cash		





Return Loss (Far End)

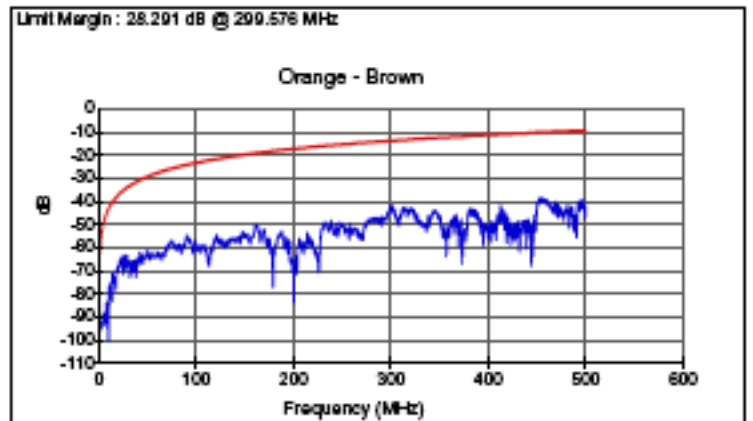
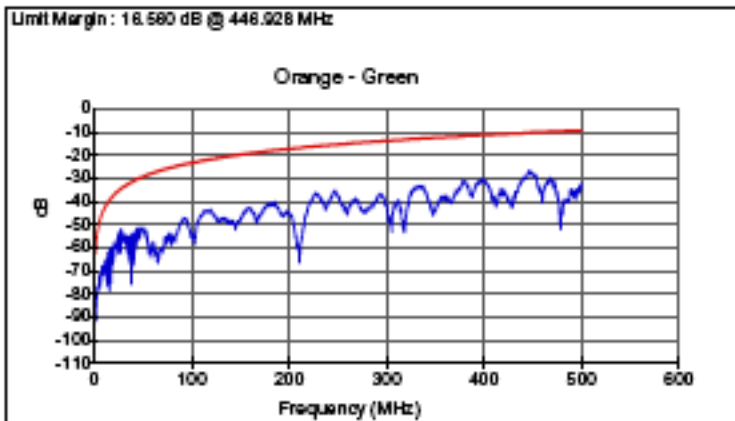
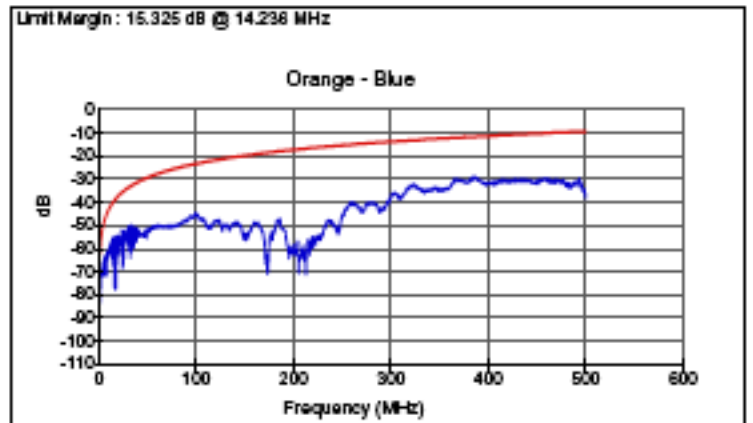
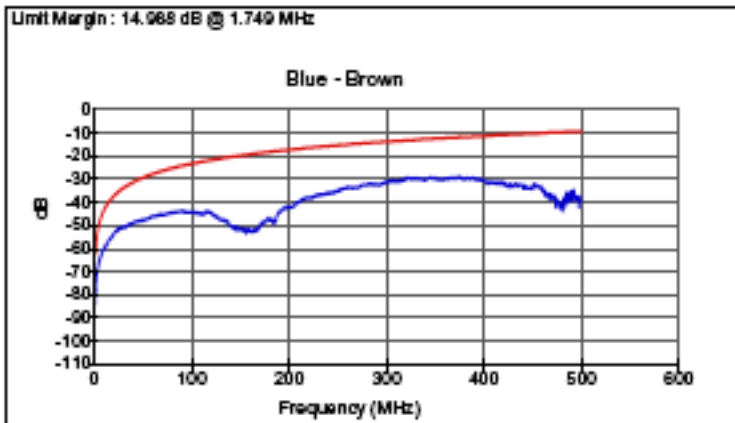
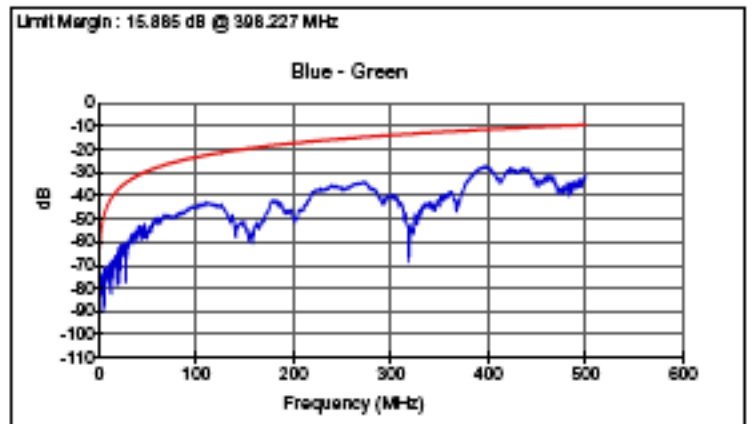
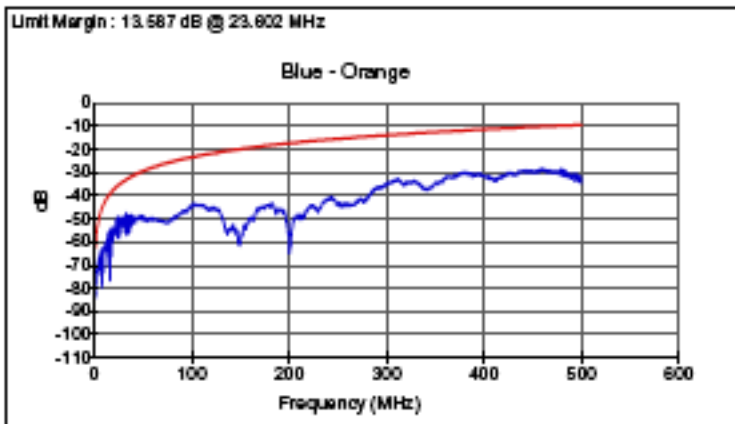
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Test Started	12/18/2008 10:47:30 AM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		





ELFEXT/ACRF (Near End)

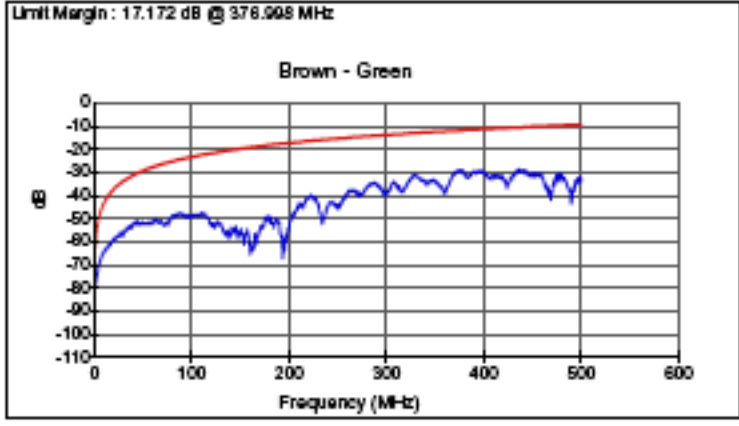
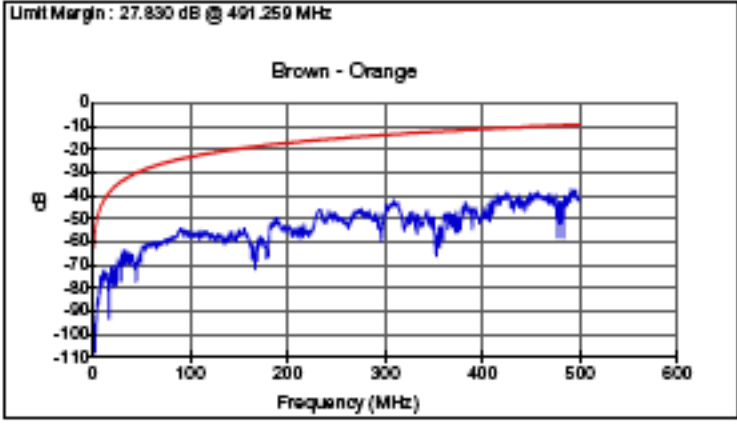
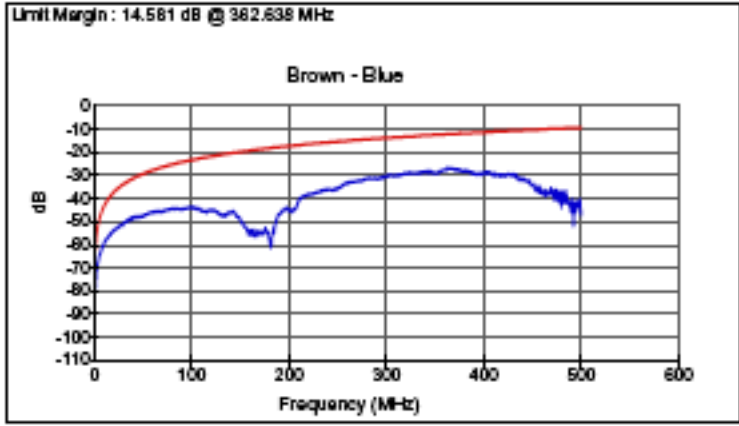
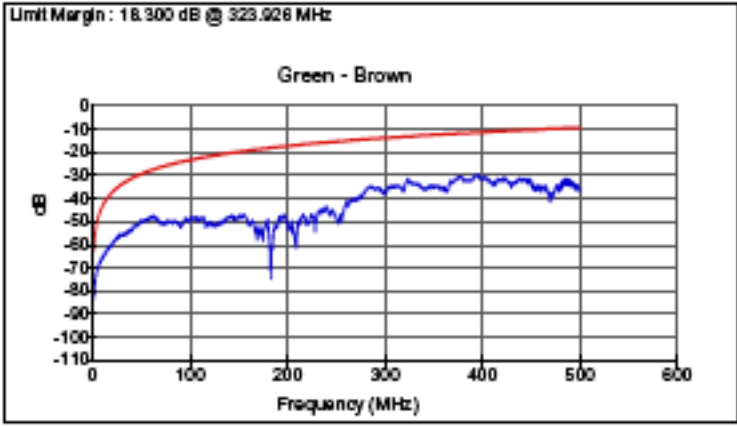
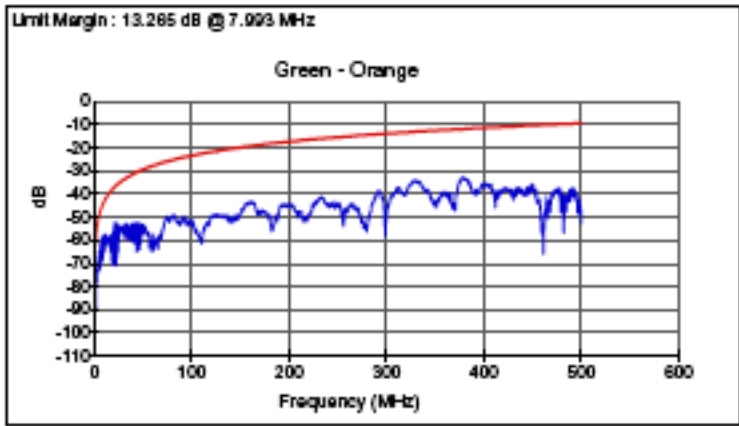
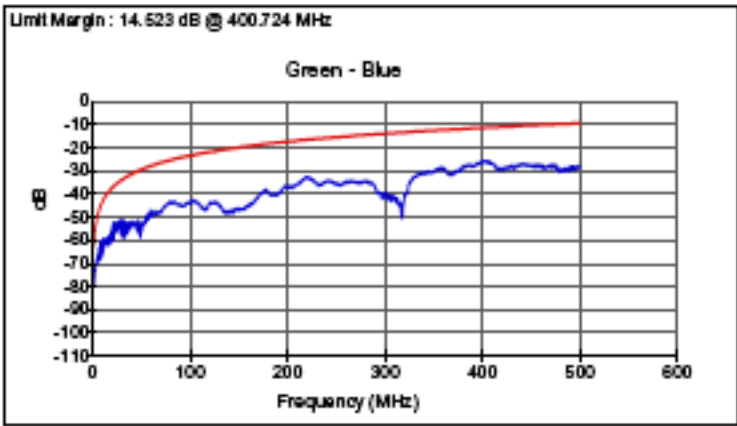
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Part No	SSTP-4231-C6A	Temperature	20 °C
Test Started	12/18/2008 10:47:30 AM	Appendix	A
Description	4 Connector Channel	Test Status	Complies
Operator Name	John Cash		





ELFEXT/ACRF (Near End)

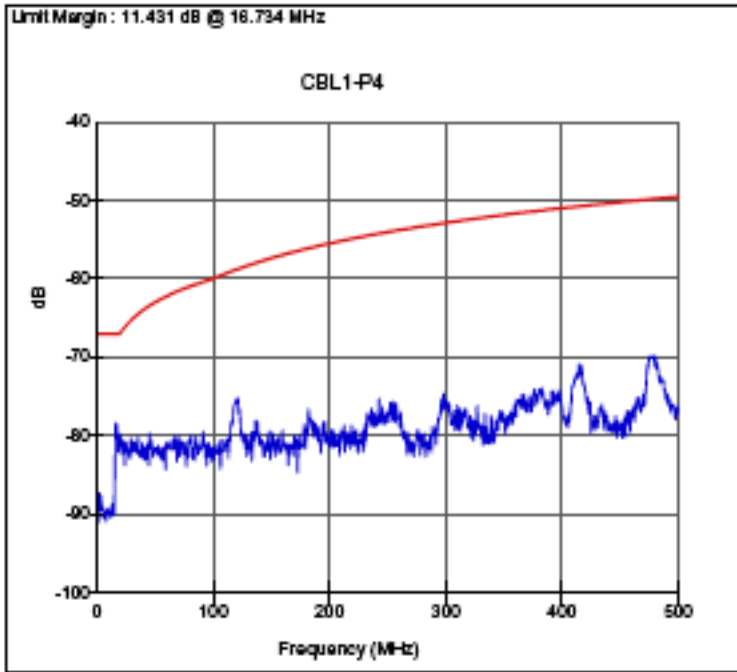
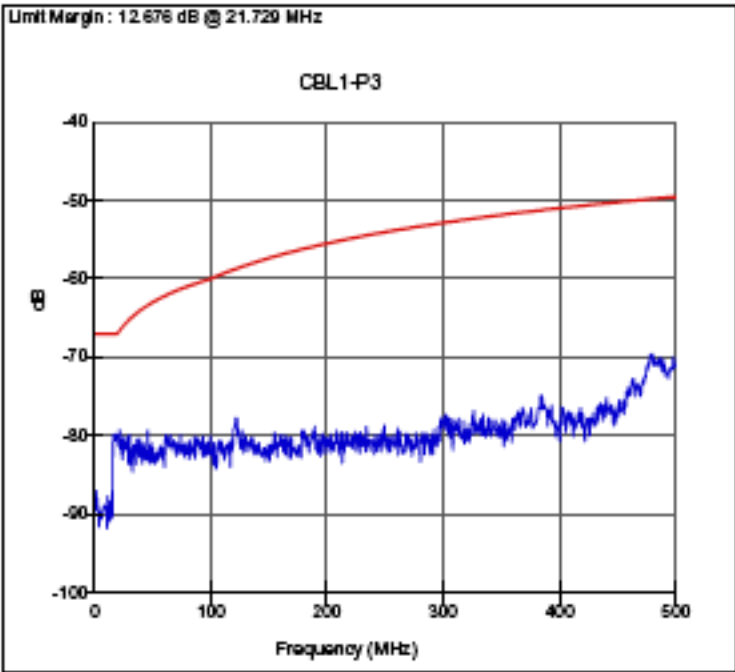
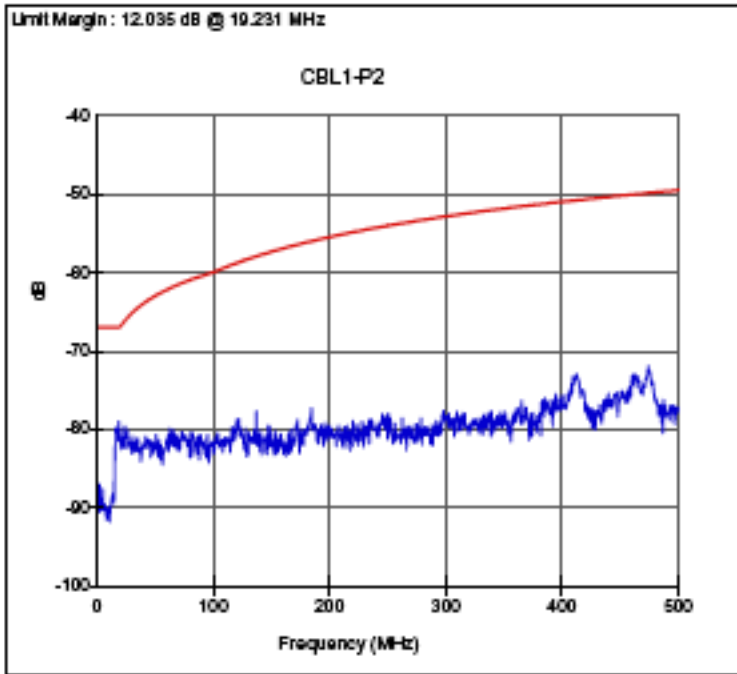
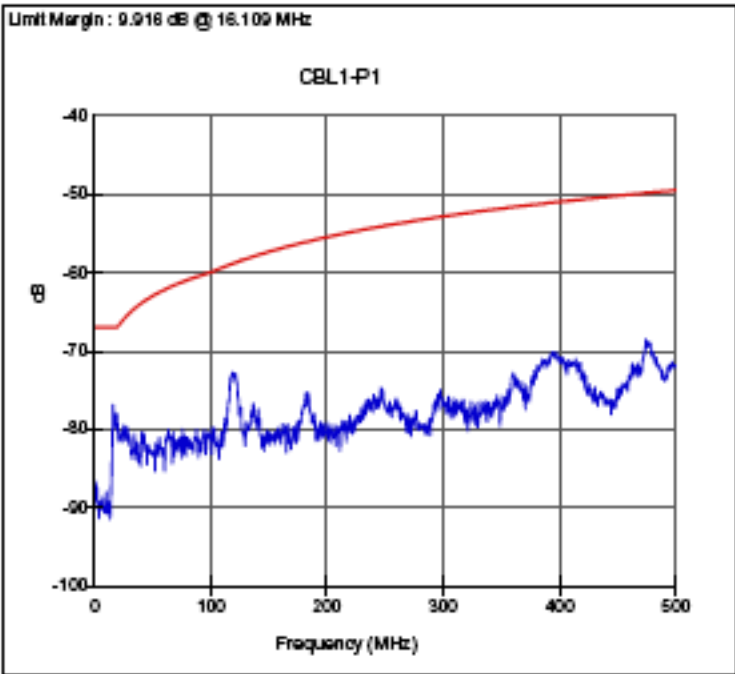
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Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/18/2008 10:47:30 AM	Temperature	20 °C
Description	4 Connector Channel	Appendix	A
Operator Name	John Cash	Test Status	Complies





ANEXT (PowerSum) Near

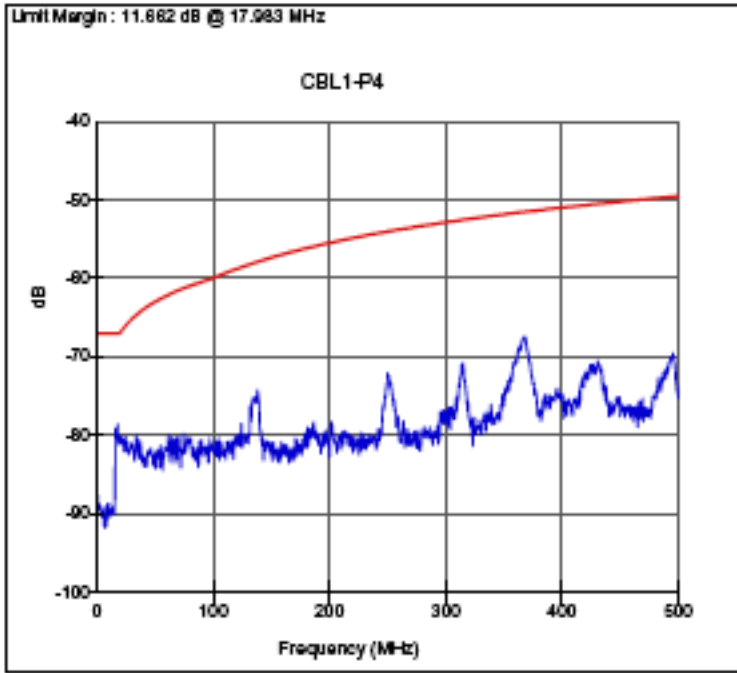
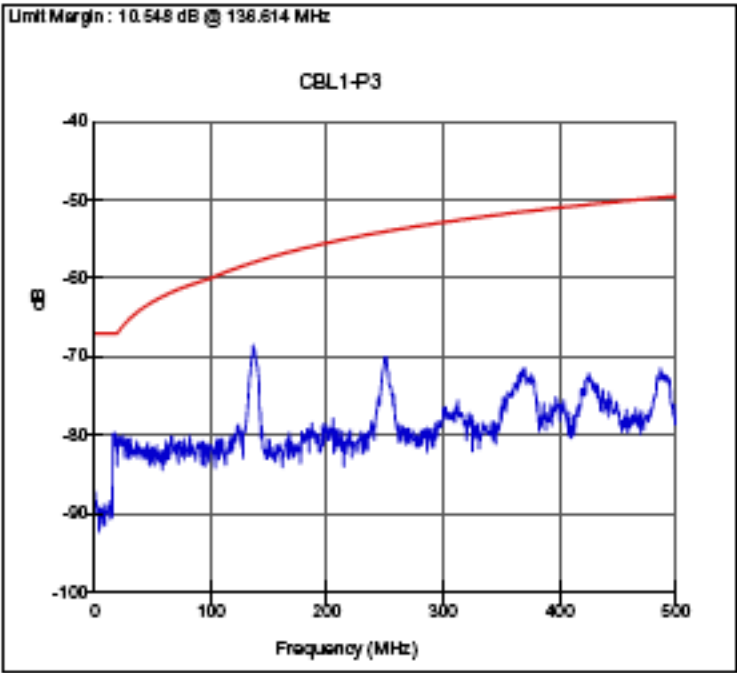
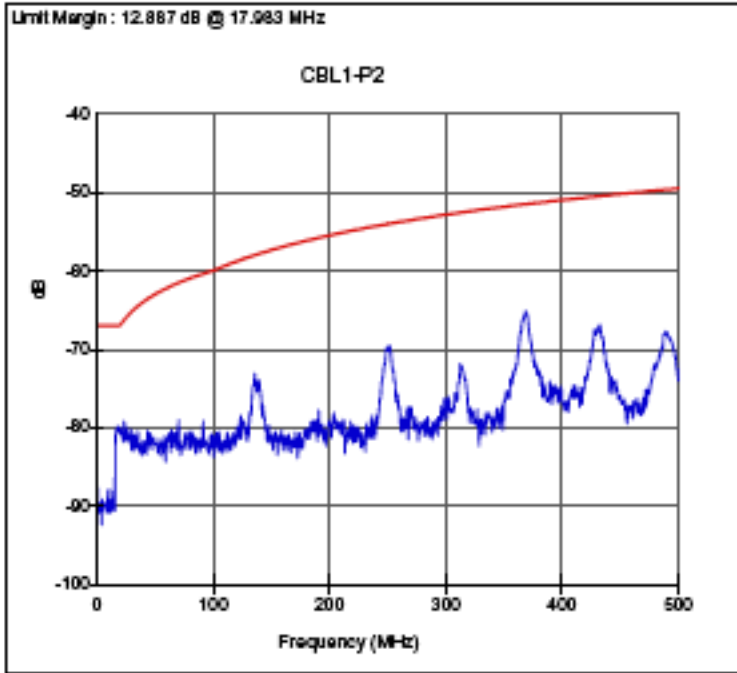
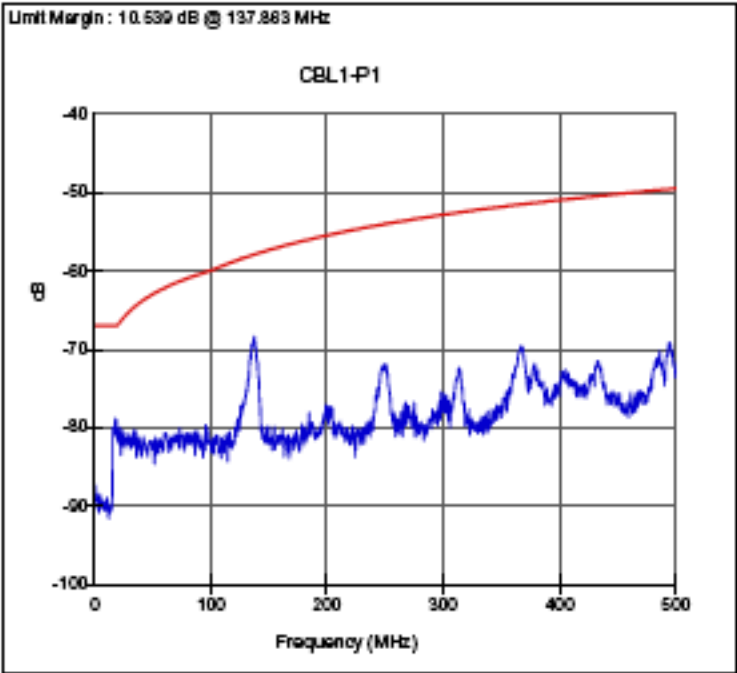
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Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)	Length(m)	100.
Part No	SSTP-4231-C6A	Temperature	20 °C
Test Started	12/19/2008 8:54:51 AM	Appendix	B
Description	4 Connector Channel	Test Status	Complies
Operator Name	Development		





ANEXT (PowerSum) Far

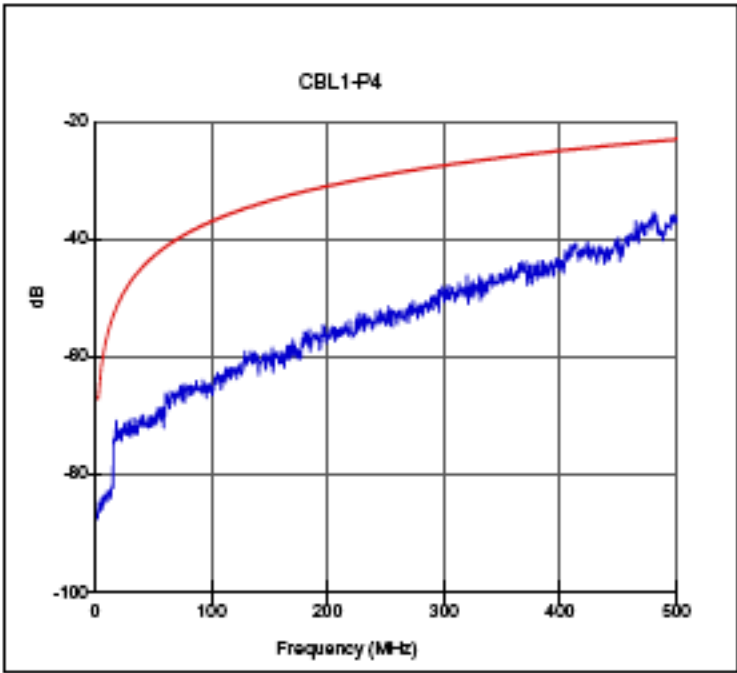
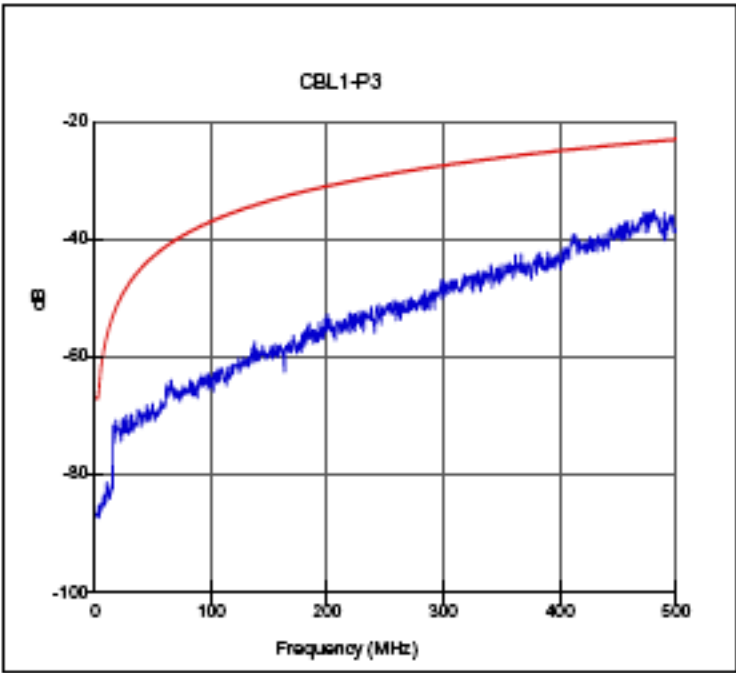
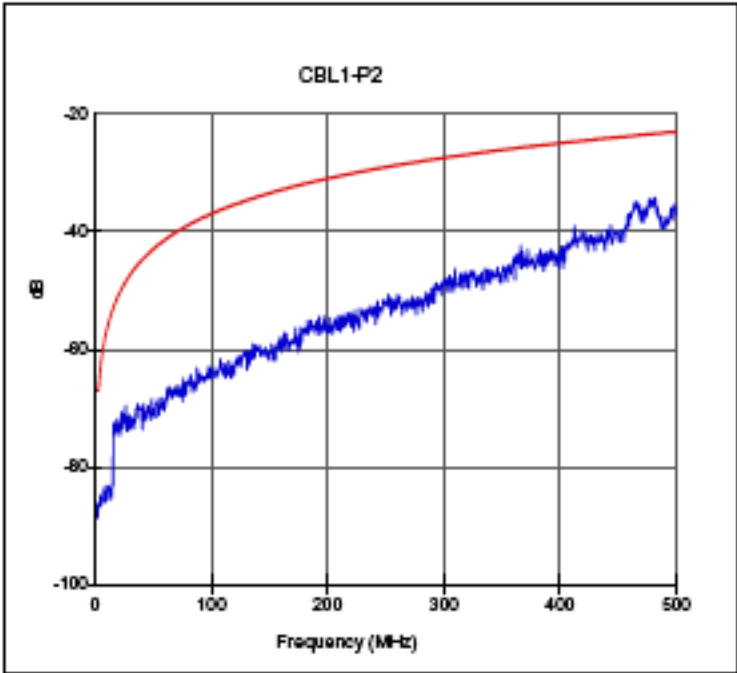
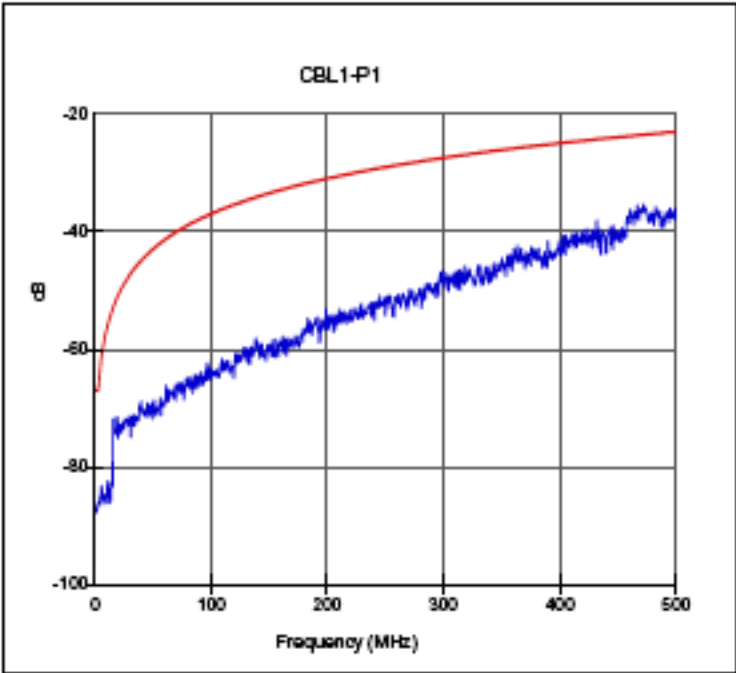
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Operator Name	Development		





PSAACRF Near

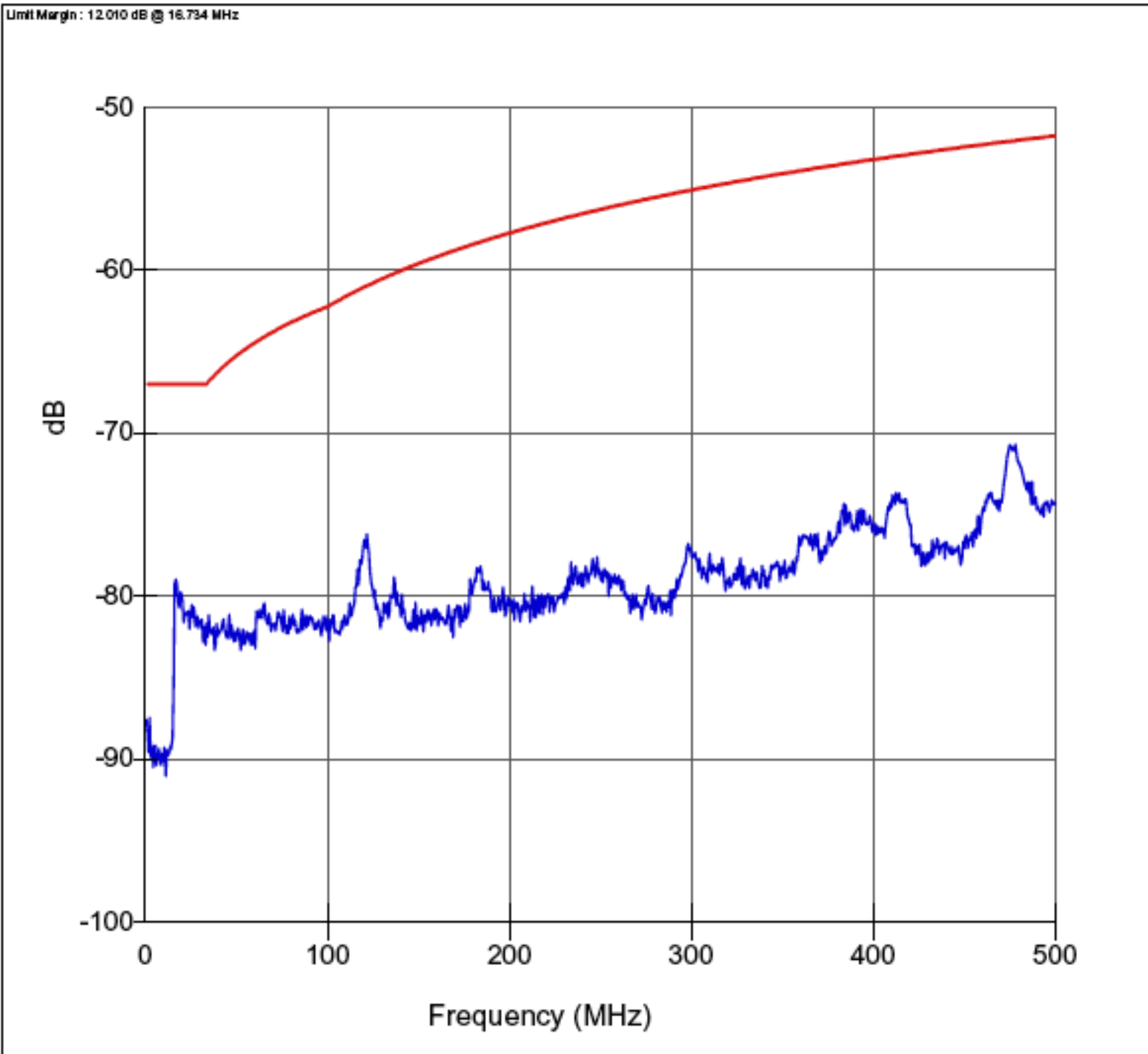
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Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)	Length(m)	100.
Part No	SSTP-4231-C6A	Temperature	20 °C
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Operator Name	Development		





ANEXT (PowerSum Average) Near

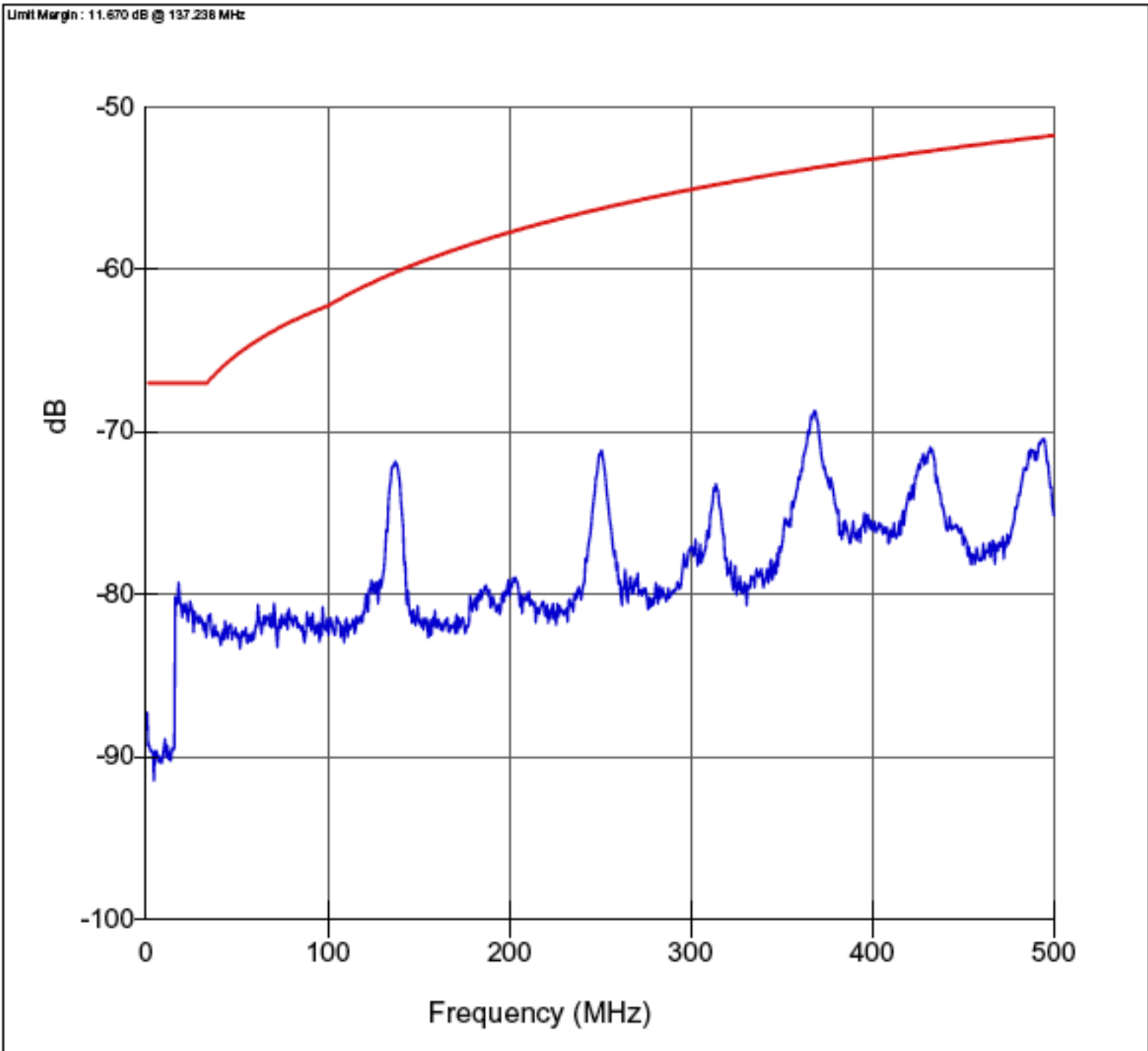
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Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
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Test Started	12/19/2008 8:54:51 AM	Temperature	20 °C
Description	4 Connector Channel	Appendix	B
Operator Name	Development	Test Status	Complies





ANEXT (PowerSum Average) Far

Client	Dan-Chief	Project No	3154740CRT-011
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
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Test Started	12/19/2008 8:54:51 AM	Temperature	20 °C
Description	4 Connector Channel	Appendix	B
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PSAACRF (Average) Near

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