

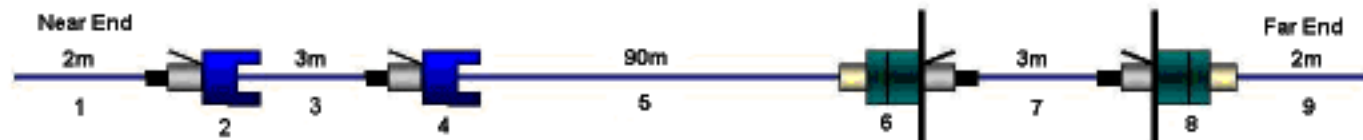
EQUIPMENT LIST:

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	QASS-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	3012KL-24QASSL-C6A	Cat. 6A STP 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 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

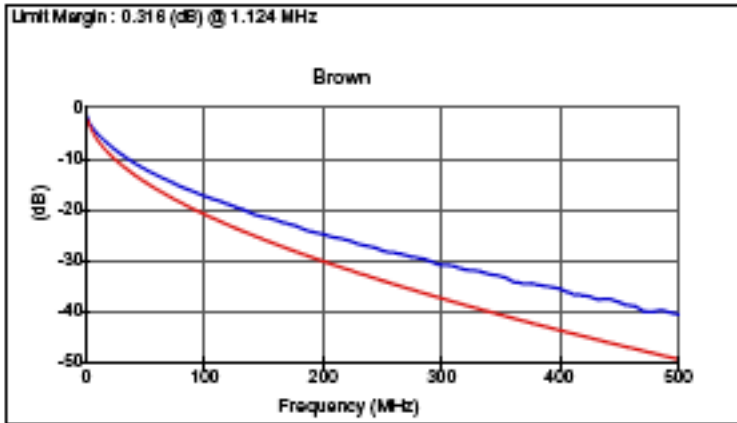
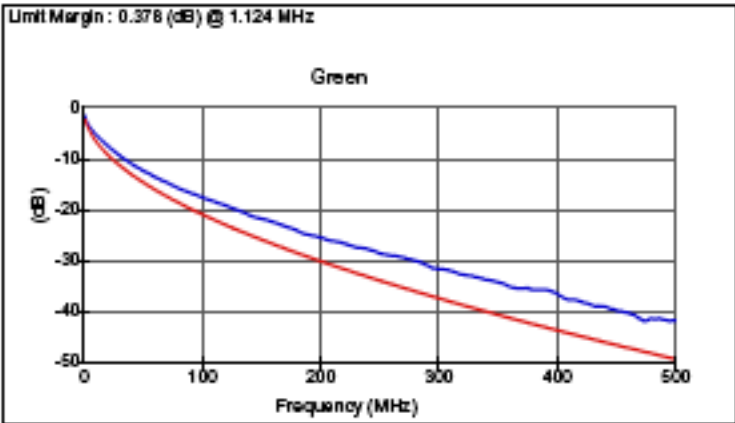
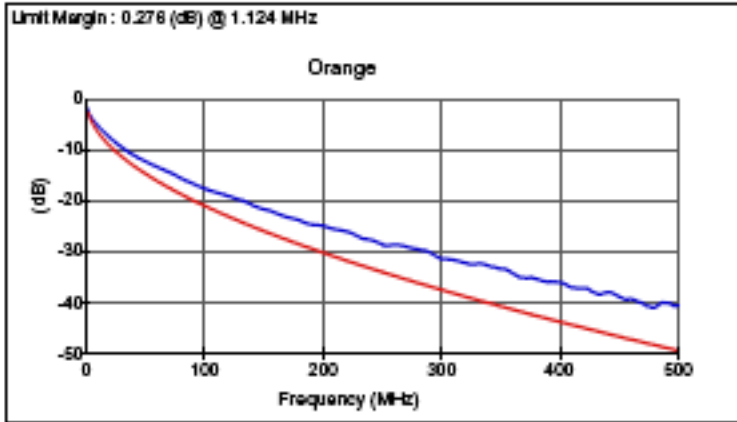
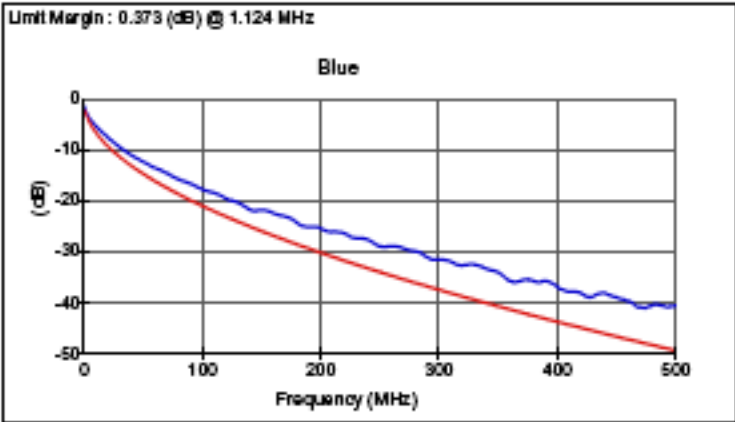
John Cash
 John Cash
 Technician
 Global Cabling Products Testing

Kathy Heath
 Kathy Heath
 Project Coordinator
 Global Cabling Products Testing



Attenuation (Far End)

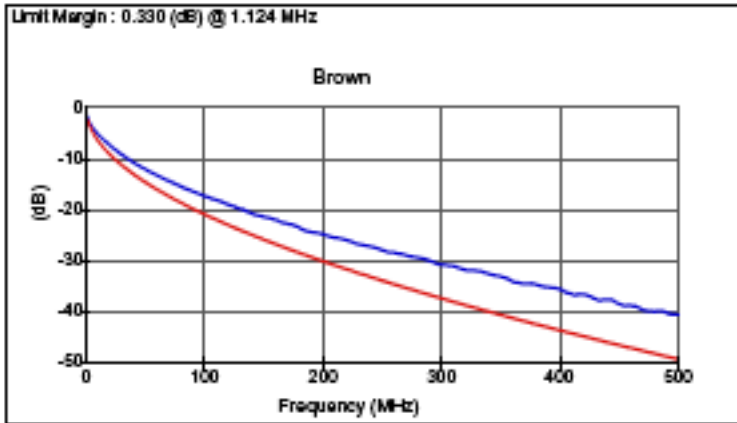
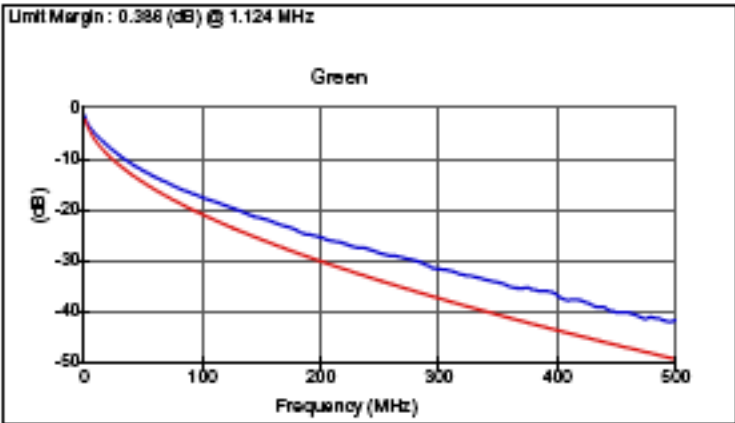
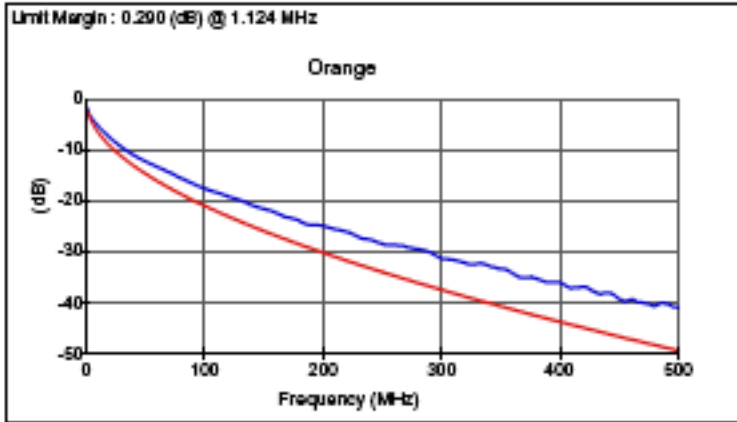
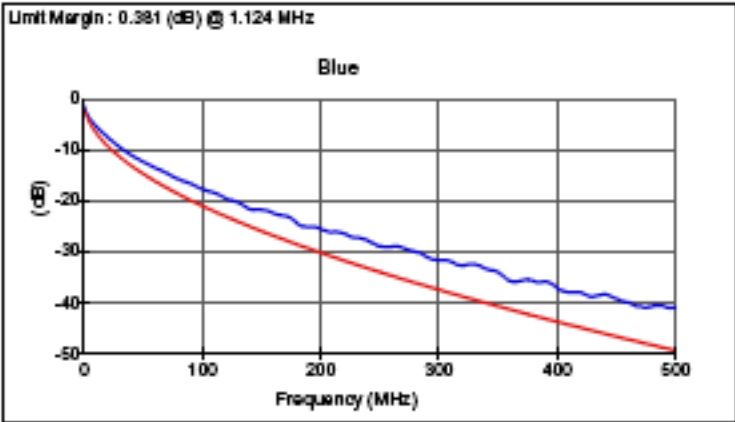
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 6:12:15 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		A
Operator Name	John Cash	Test Status	Complies





Attenuation (Near End)

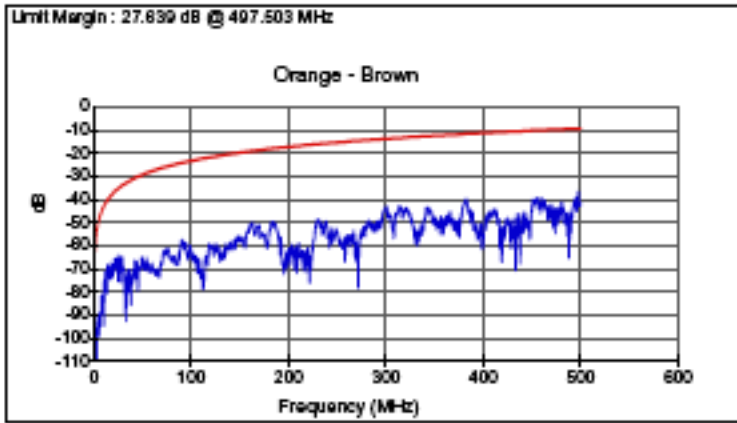
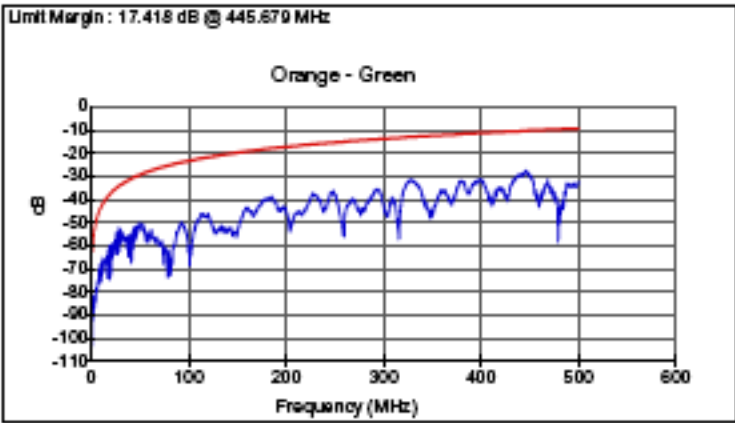
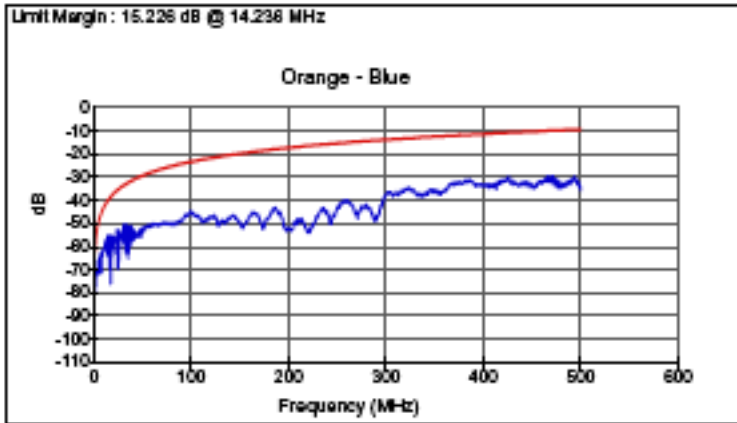
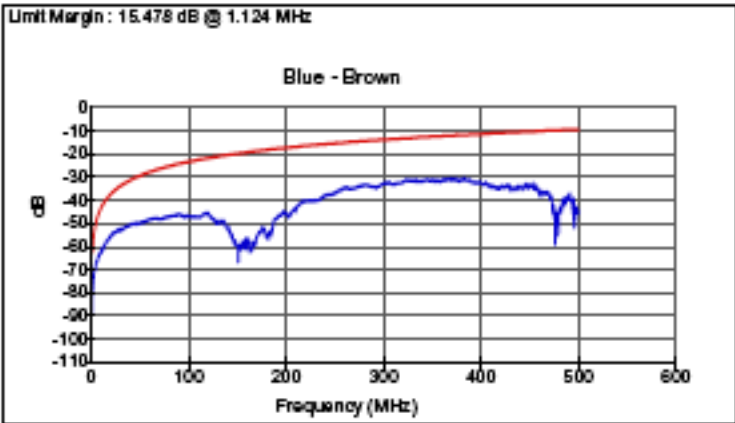
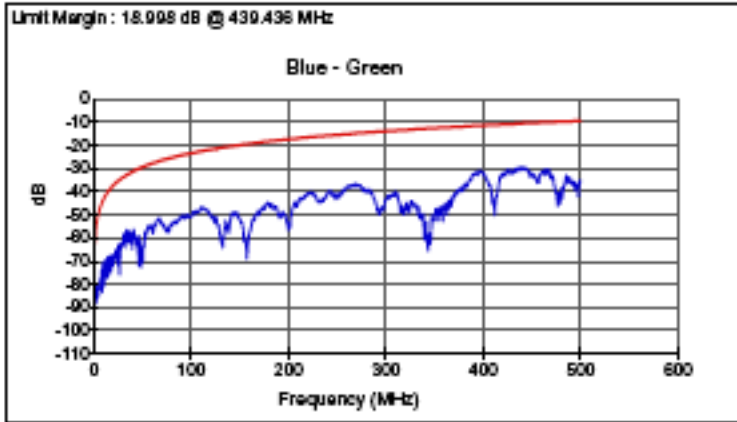
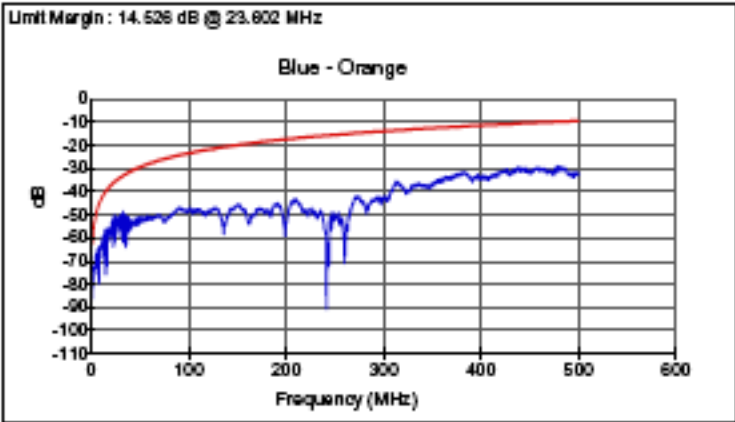
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)	Length(m)	100.
Part No	SSTP-4231-C6A	Temperature	20 °C
Test Started	12/16/2008 6:12:15 PM	Apparatus	A
Description	4 connectors shielded channel with patch panel	Test Status	Complies
Operator Name	John Cash		





ELFEXT/ACRF (Near End)

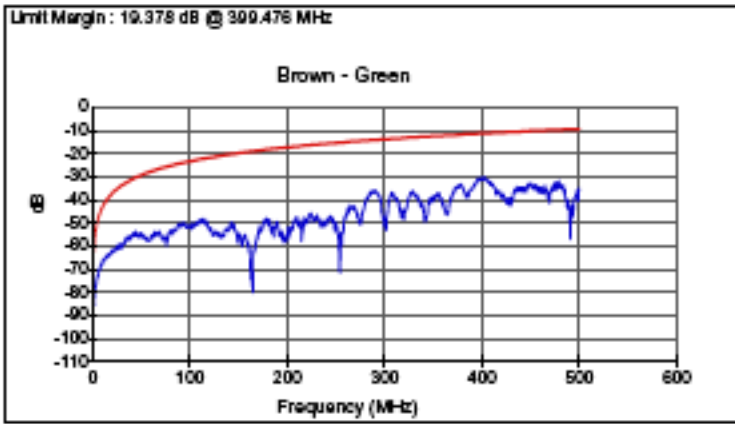
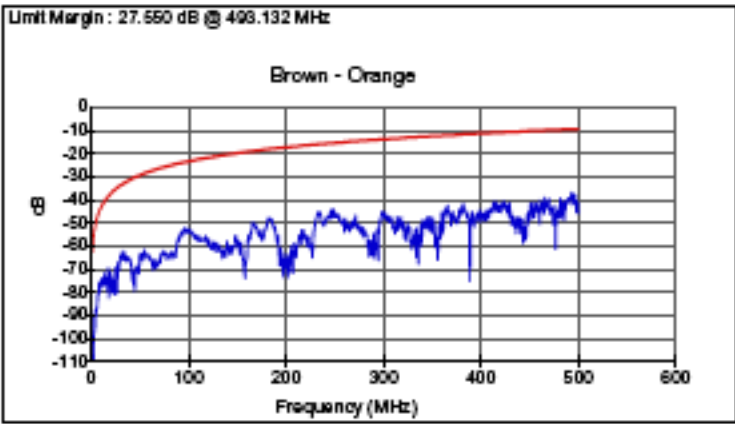
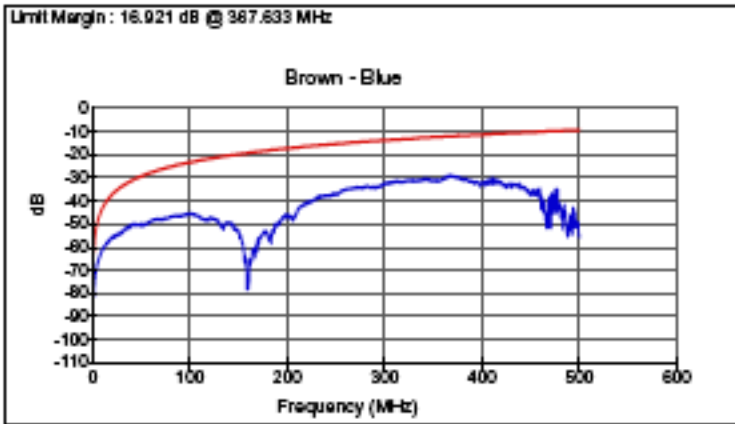
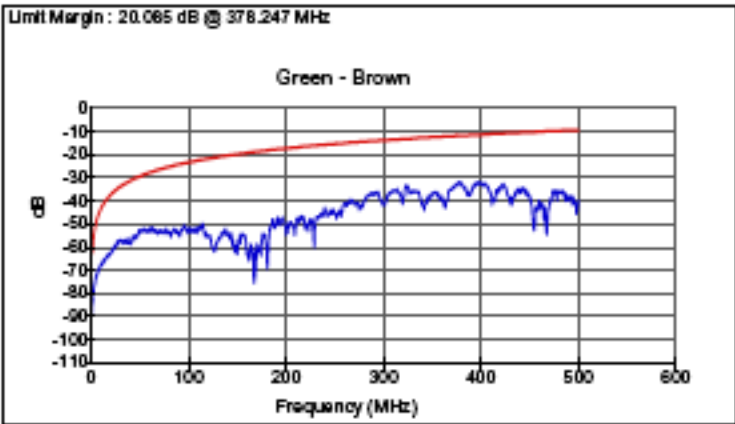
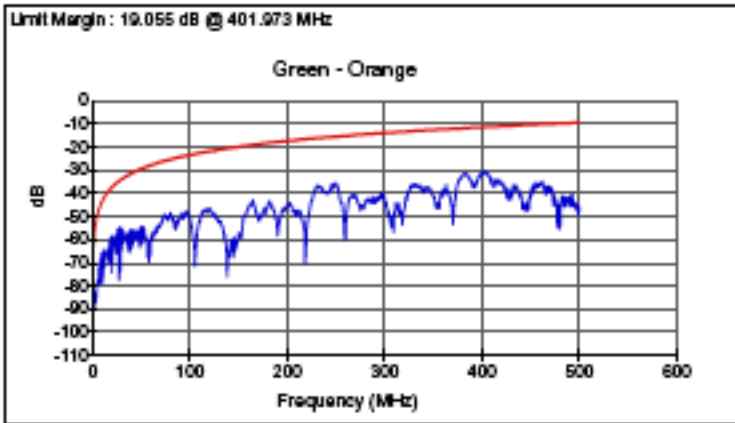
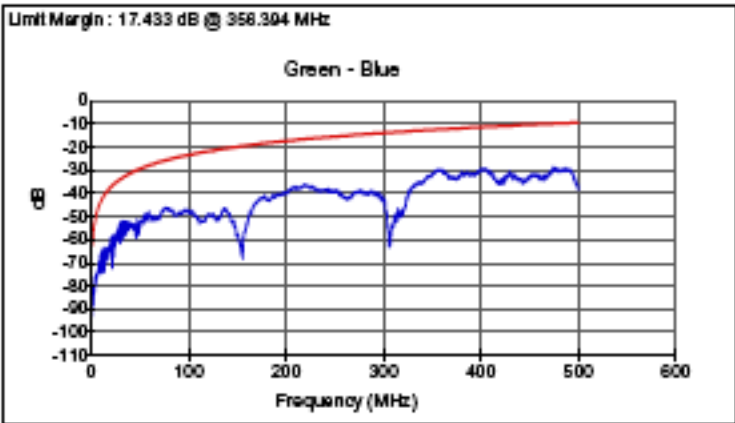
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 6:12:15 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel	Applicable	A
Operator Name	John Cash	Test Status	Complies





ELFEXT/ACRF (Near End)

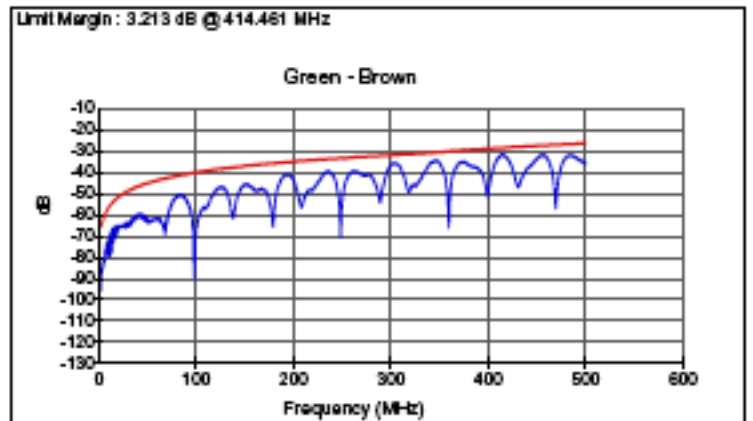
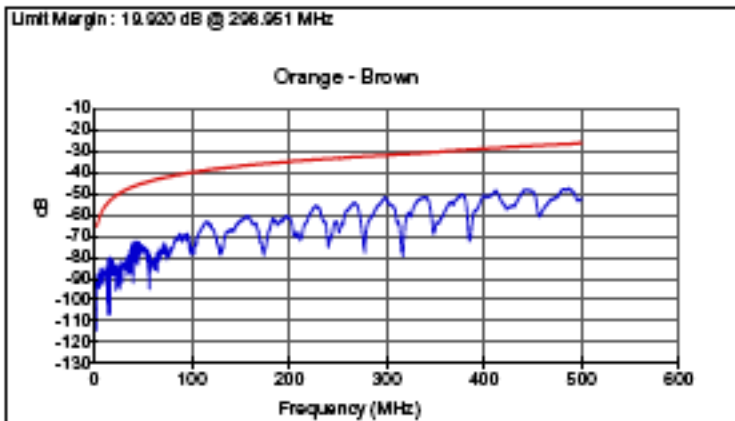
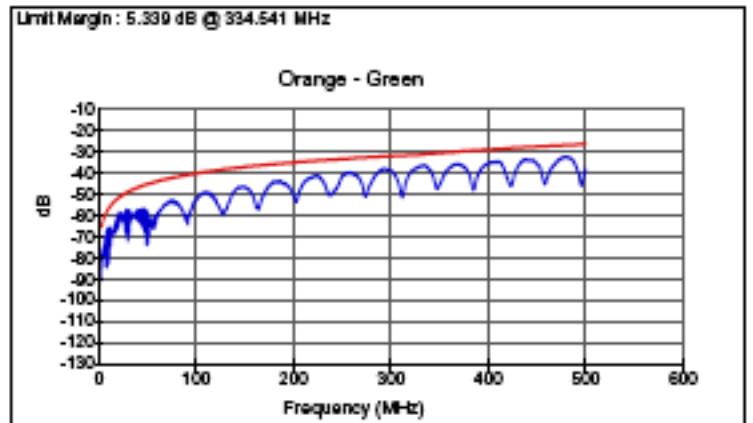
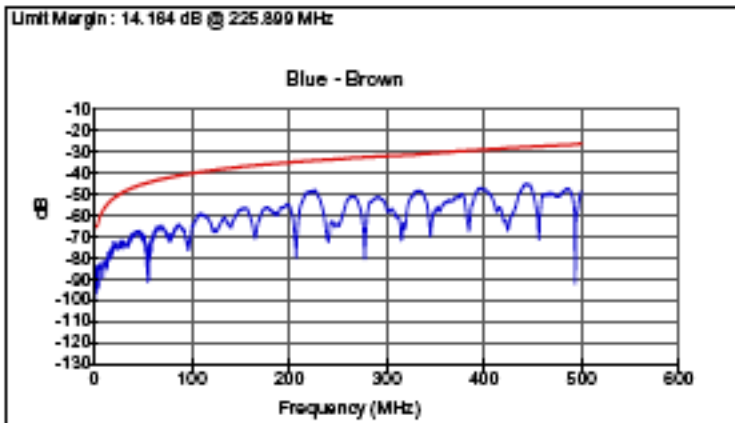
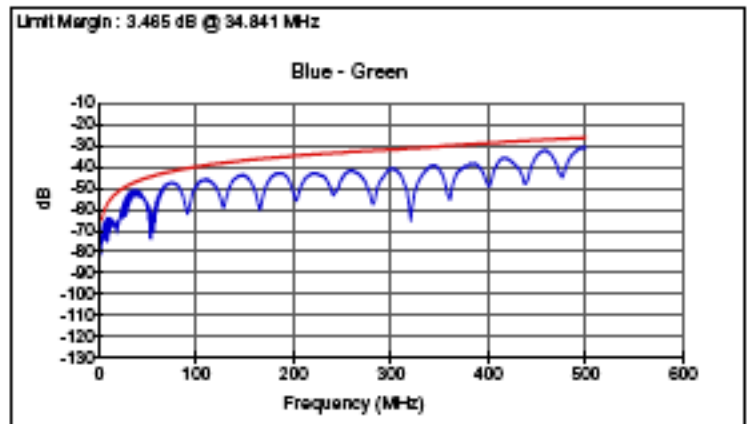
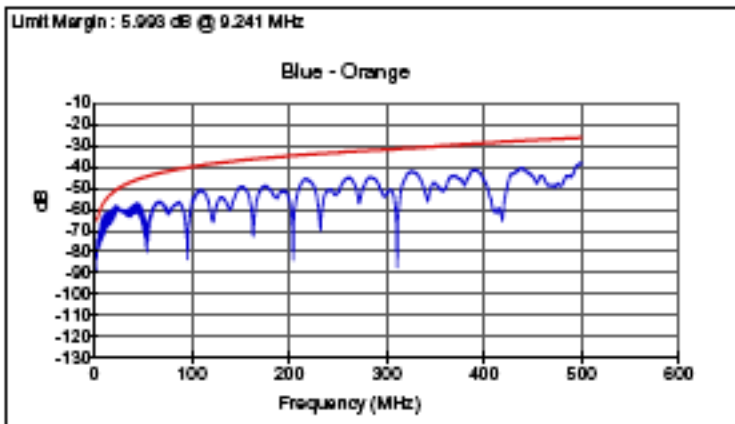
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 6:12:15 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		A
Operator Name	John Cash	Test Status	Complies





Near End Cross Talk (Far End)

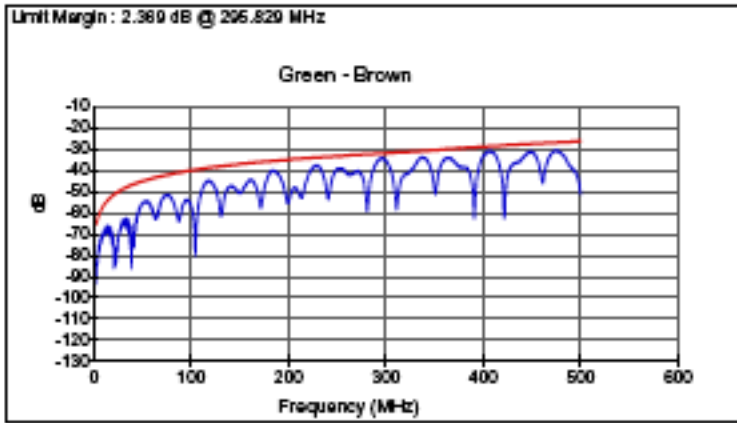
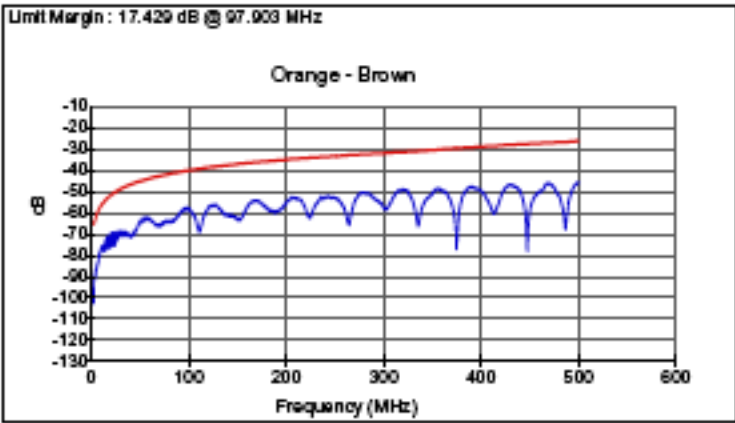
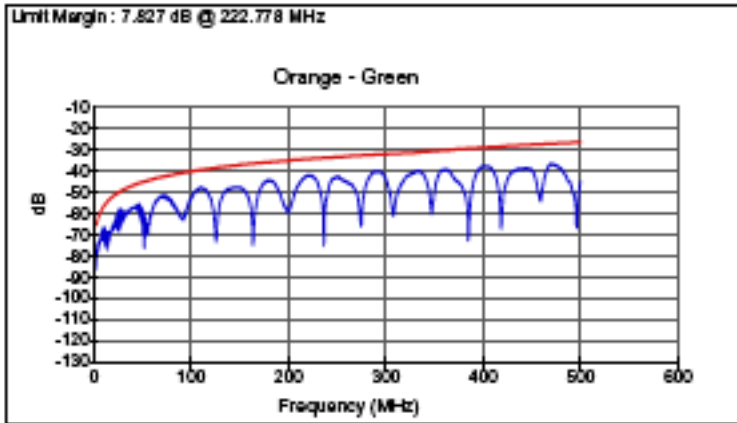
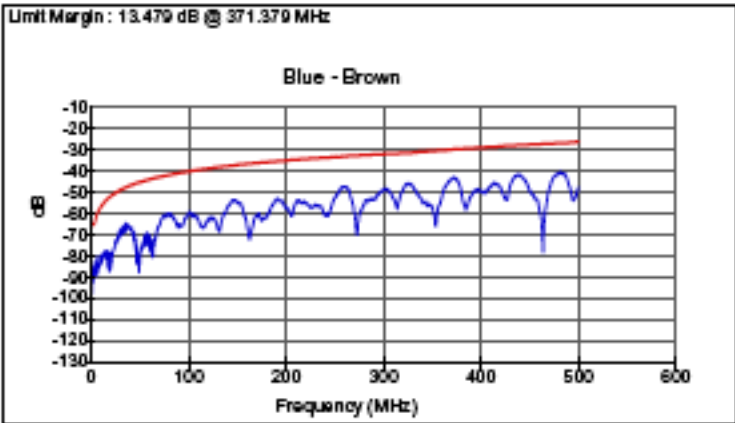
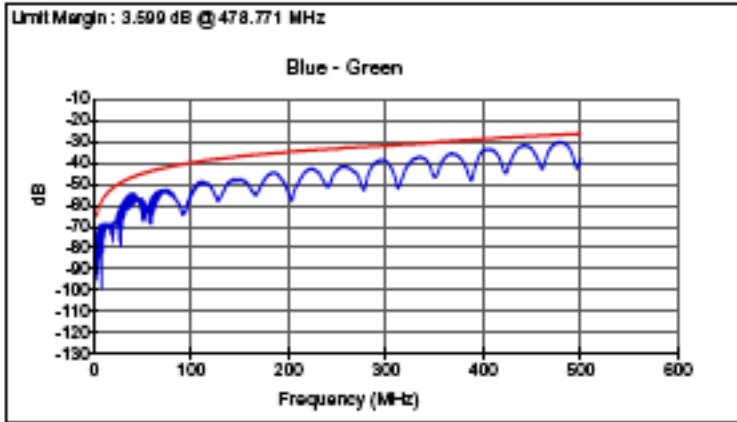
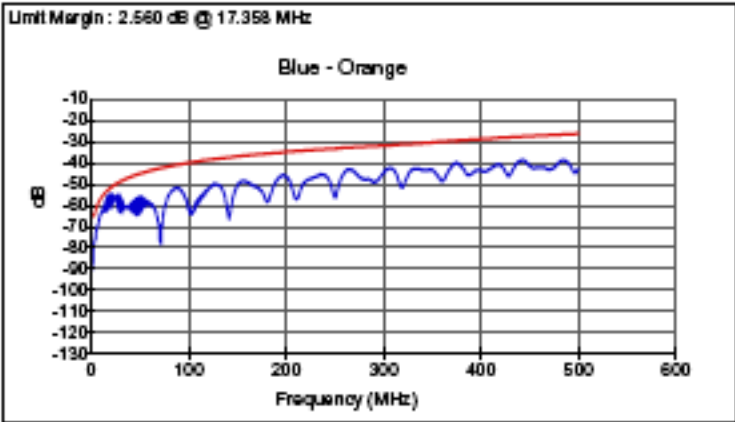
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Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 6:12:15 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		A
Operator Name	John Cash	Test Status	Complies





Near End Cross Talk (Near End)

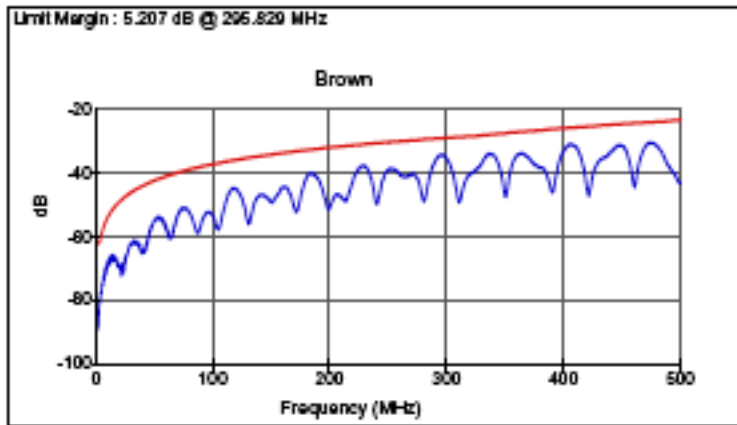
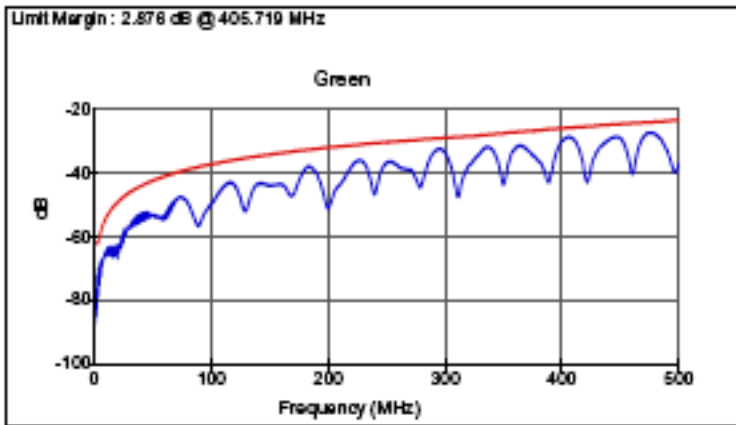
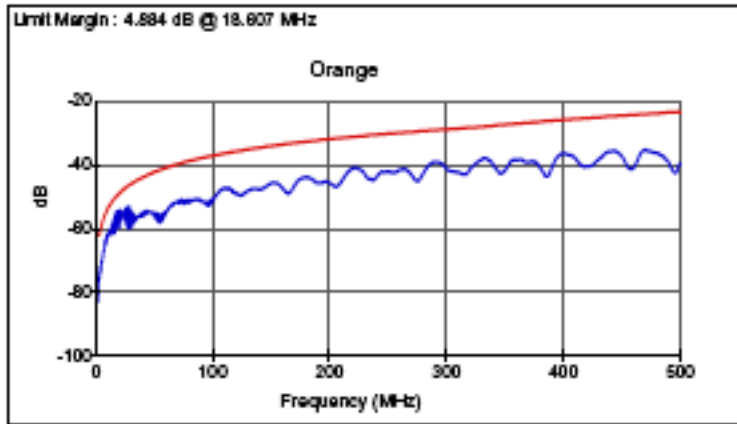
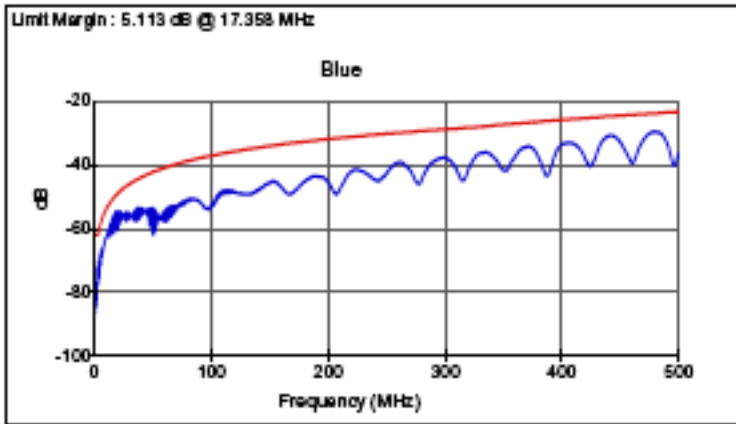
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 6:12:15 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		A
Operator Name	John Cash	Test Status	Complies





Power Sum NEXT (Near End)

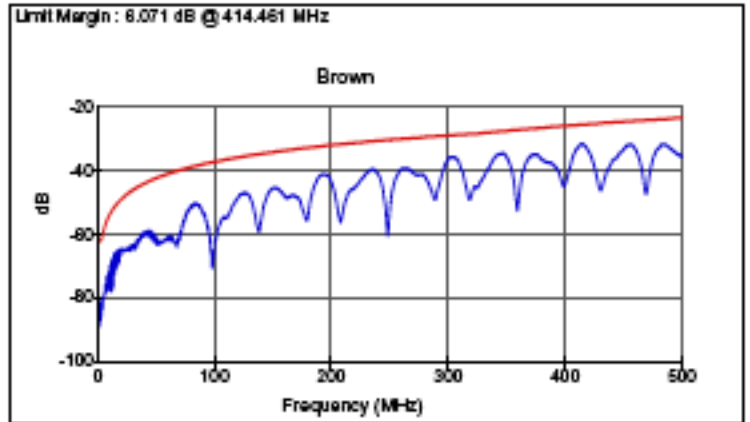
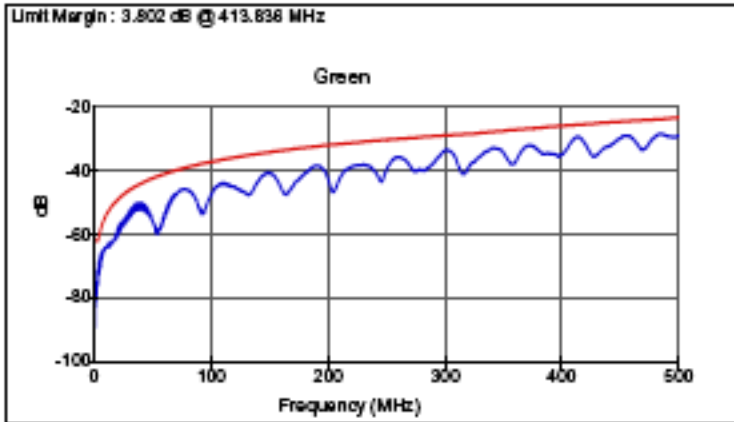
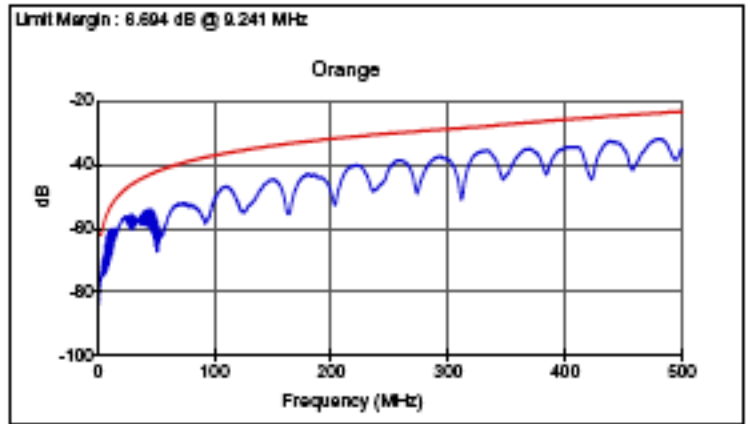
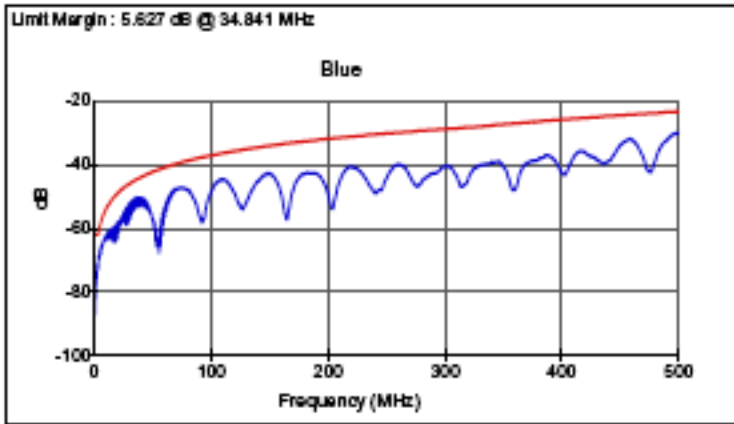
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 6:12:15 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		A
Operator Name	John Cash	Test Status	Complies





Power Sum NEXT (Far End)

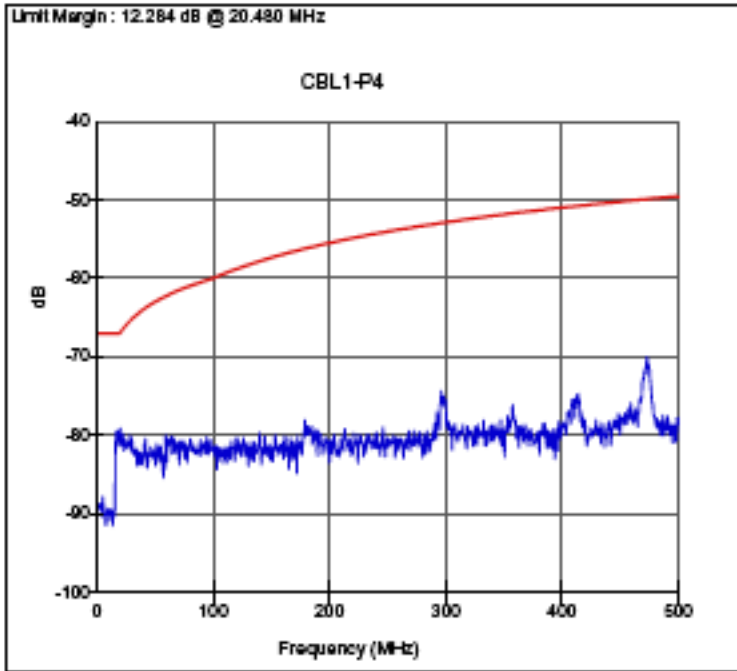
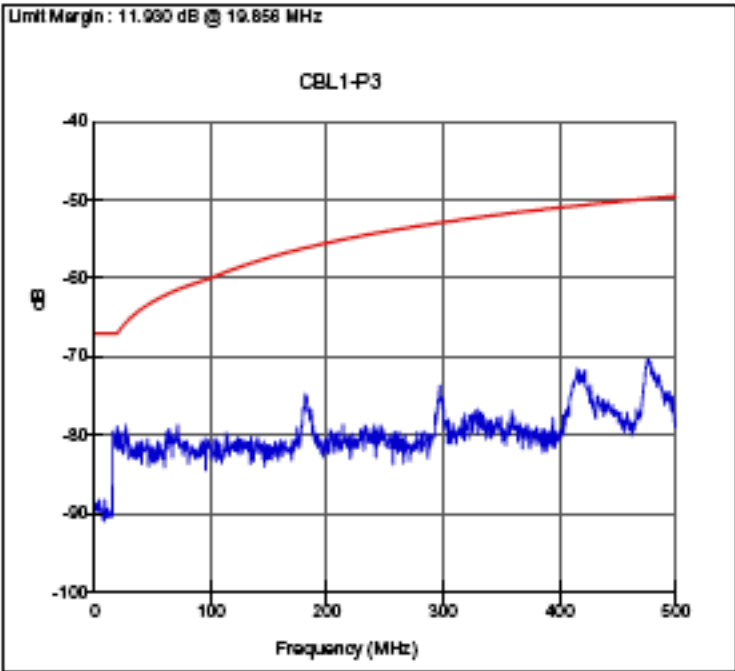
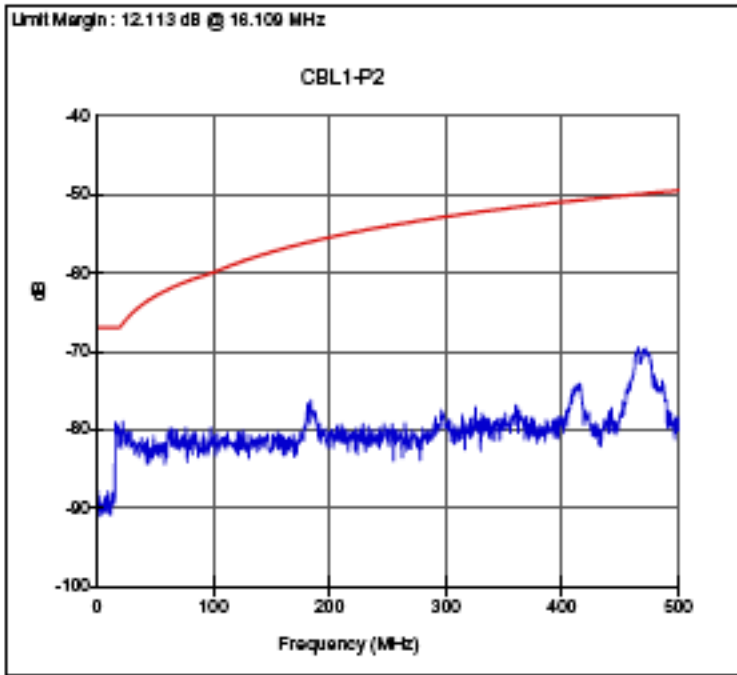
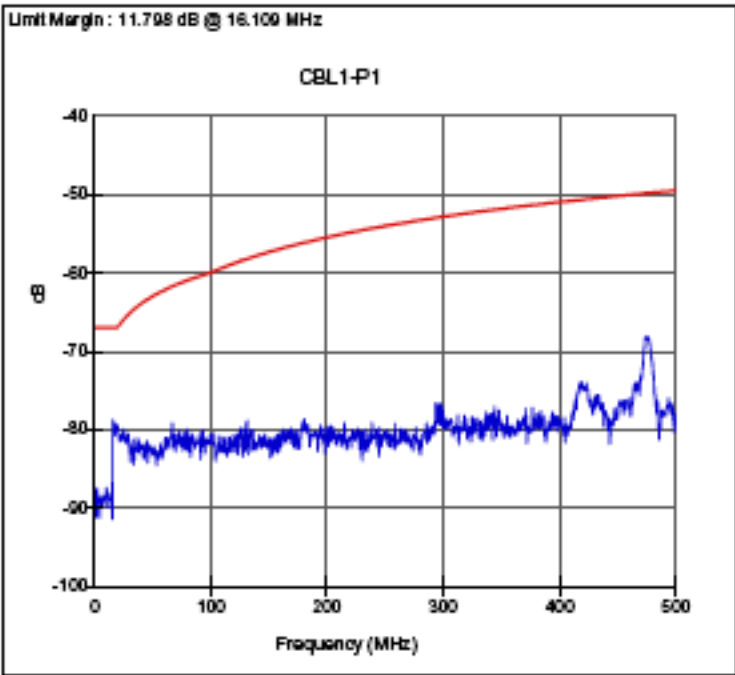
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 6:12:15 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		A
Operator Name	John Cash	Test Status	Complies





ANEXT (PowerSum) Near

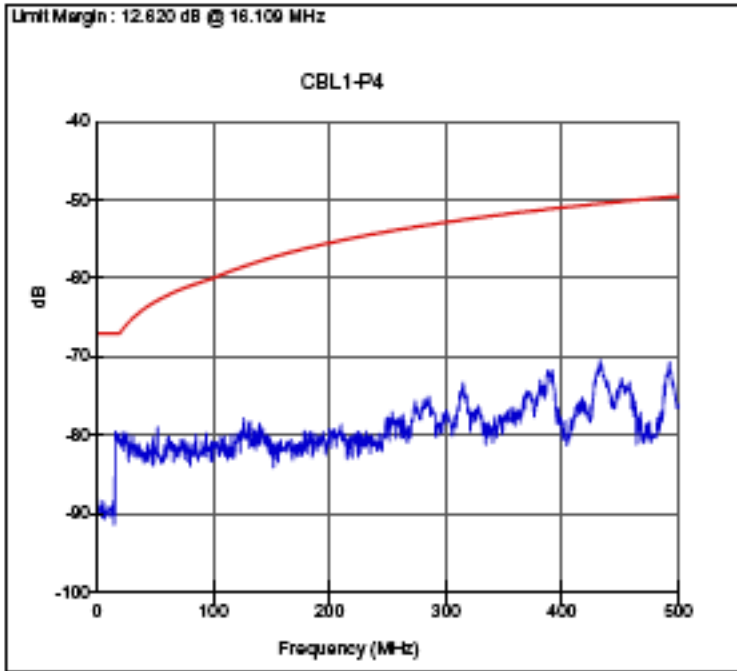
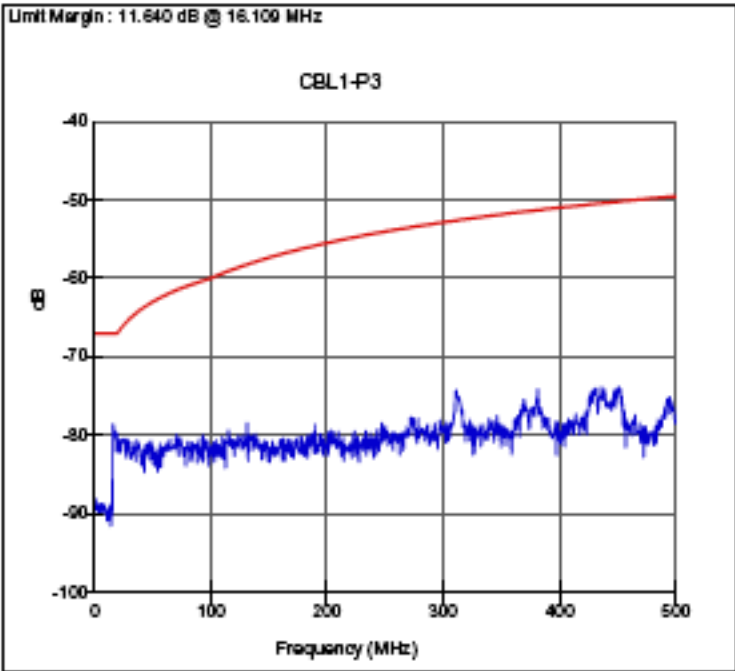
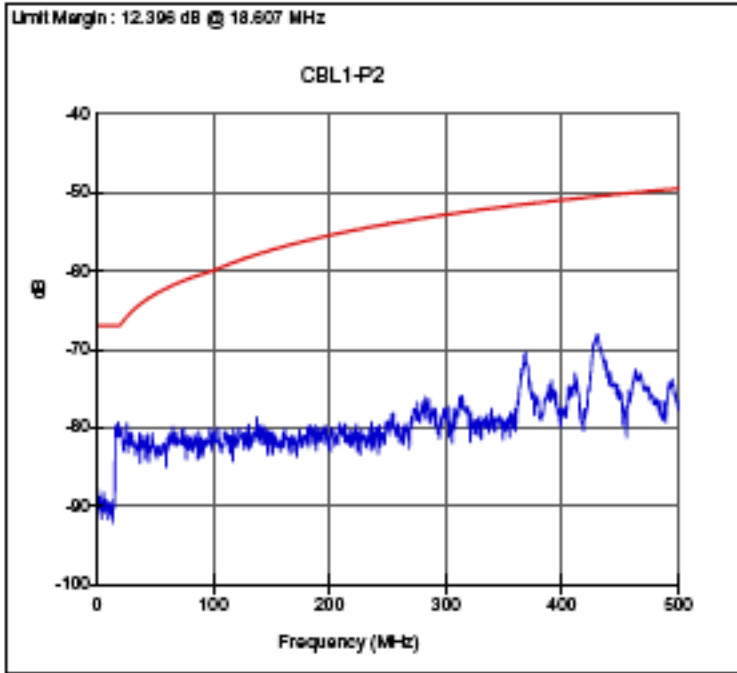
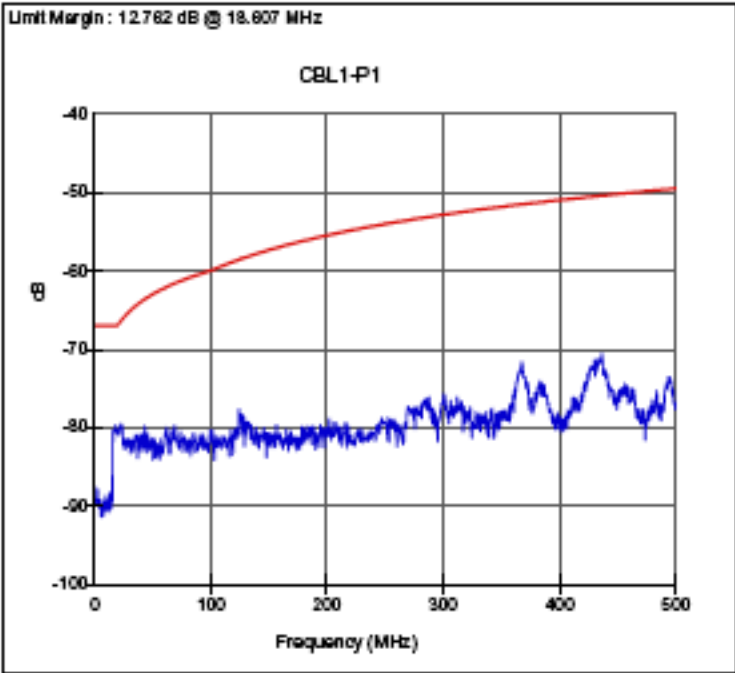
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 9:43:08 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		B
Operator Name	Development	Test Status	Complies





ANEXT (PowerSum) Far

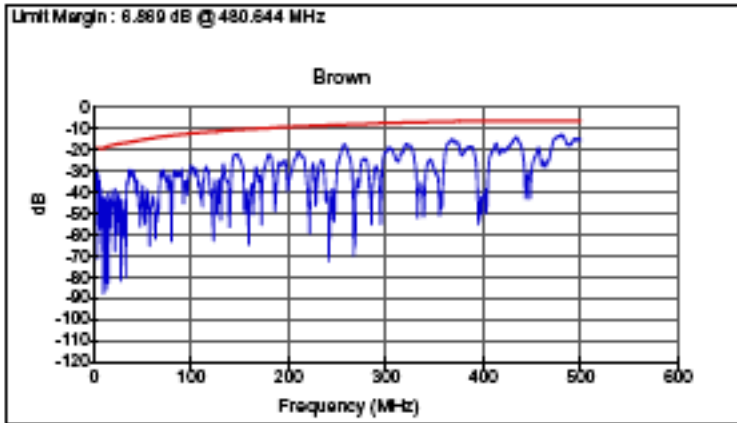
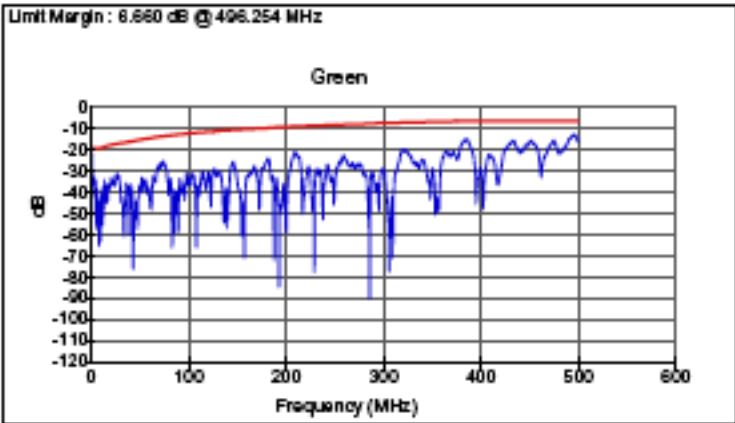
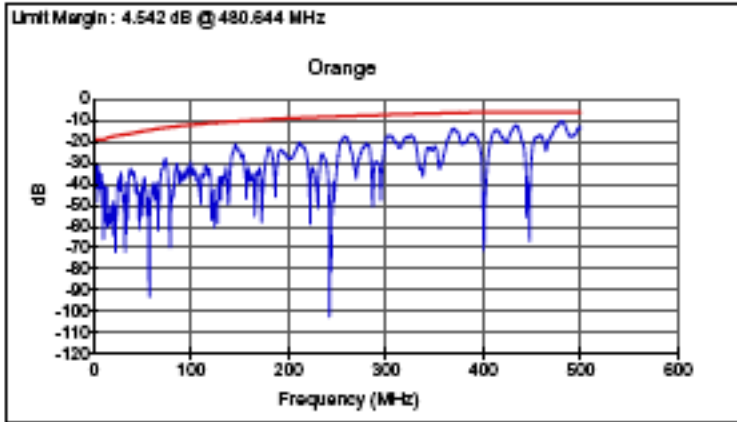
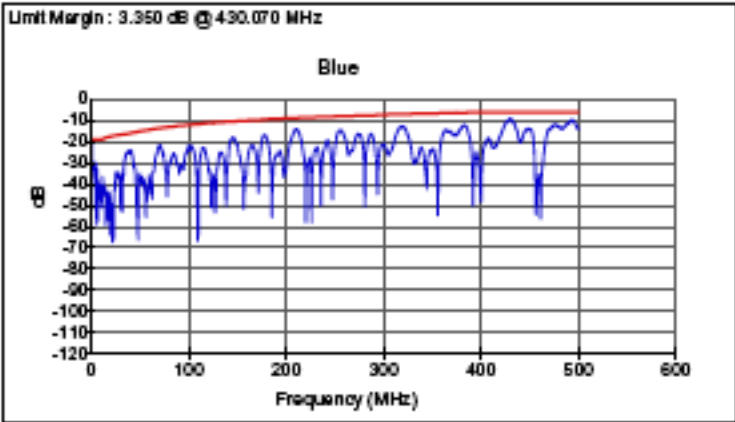
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 9:43:08 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		B
Operator Name	Development	Test Status	Complies





Return Loss (Far End)

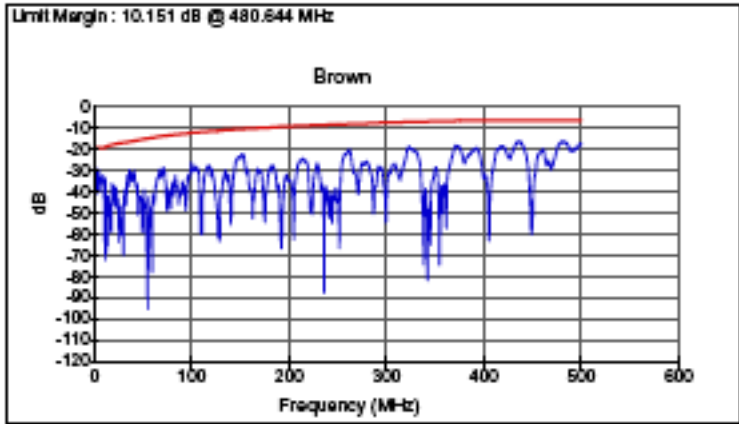
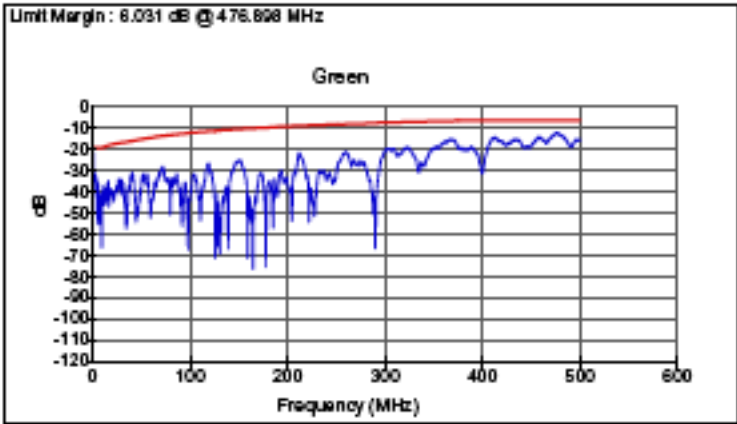
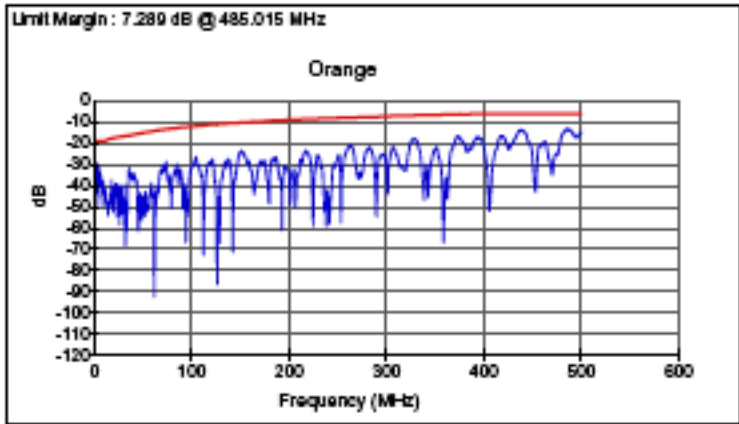
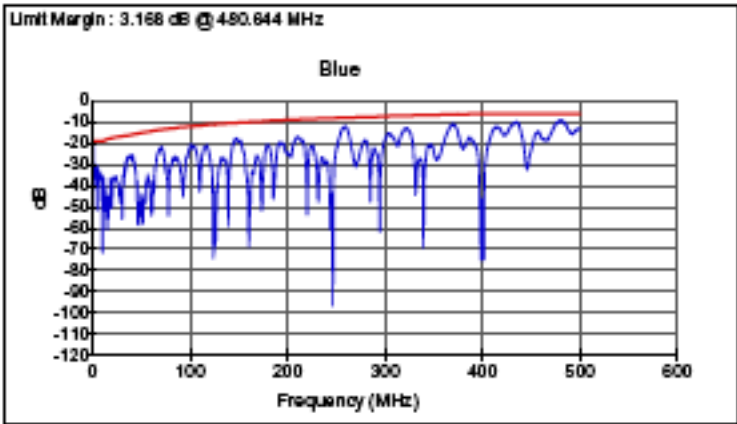
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 6:12:15 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		A
Operator Name	John Cash	Test Status	Complies





Return Loss (Near End)

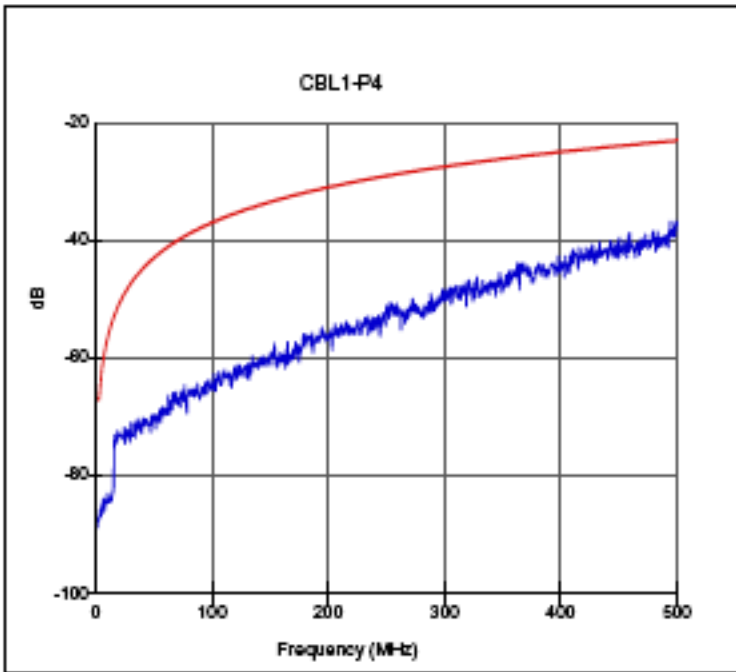
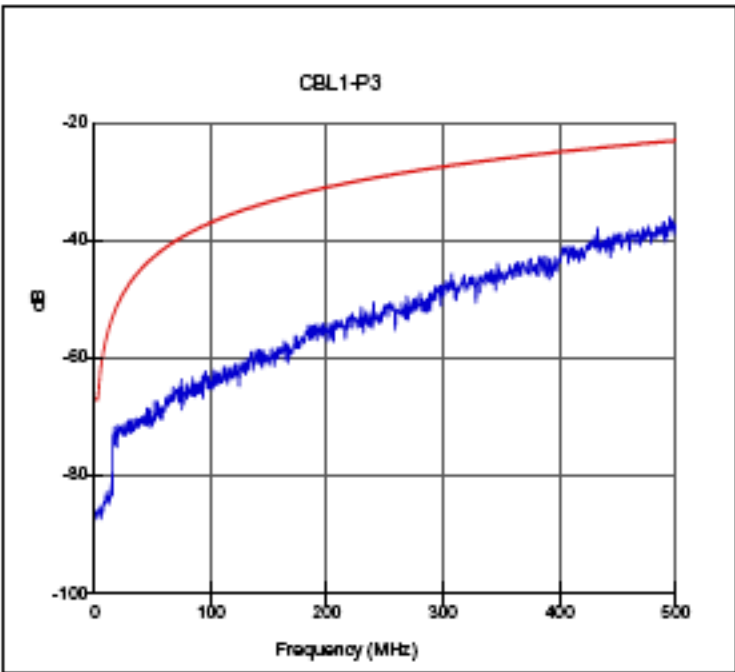
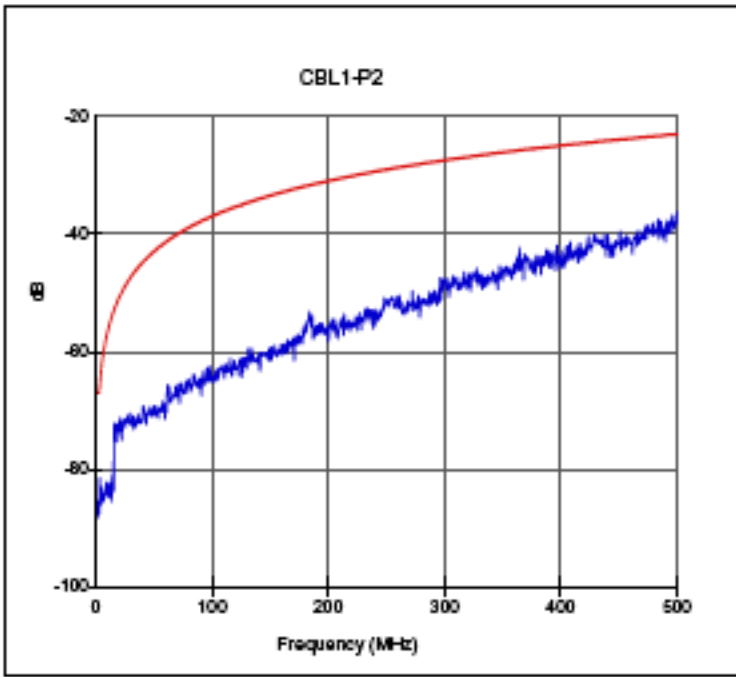
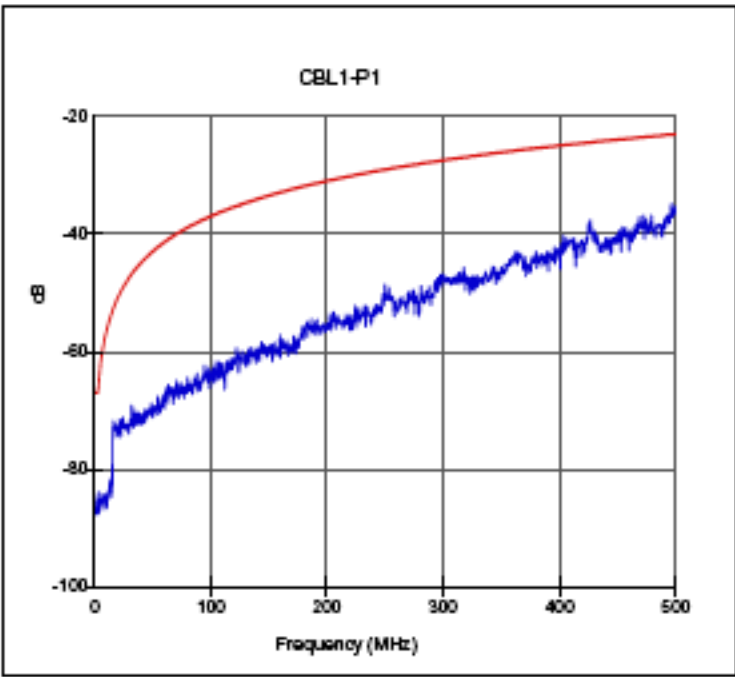
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 6:12:15 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		A
Operator Name	John Cash	Test Status	Complies





PSAACRF Near

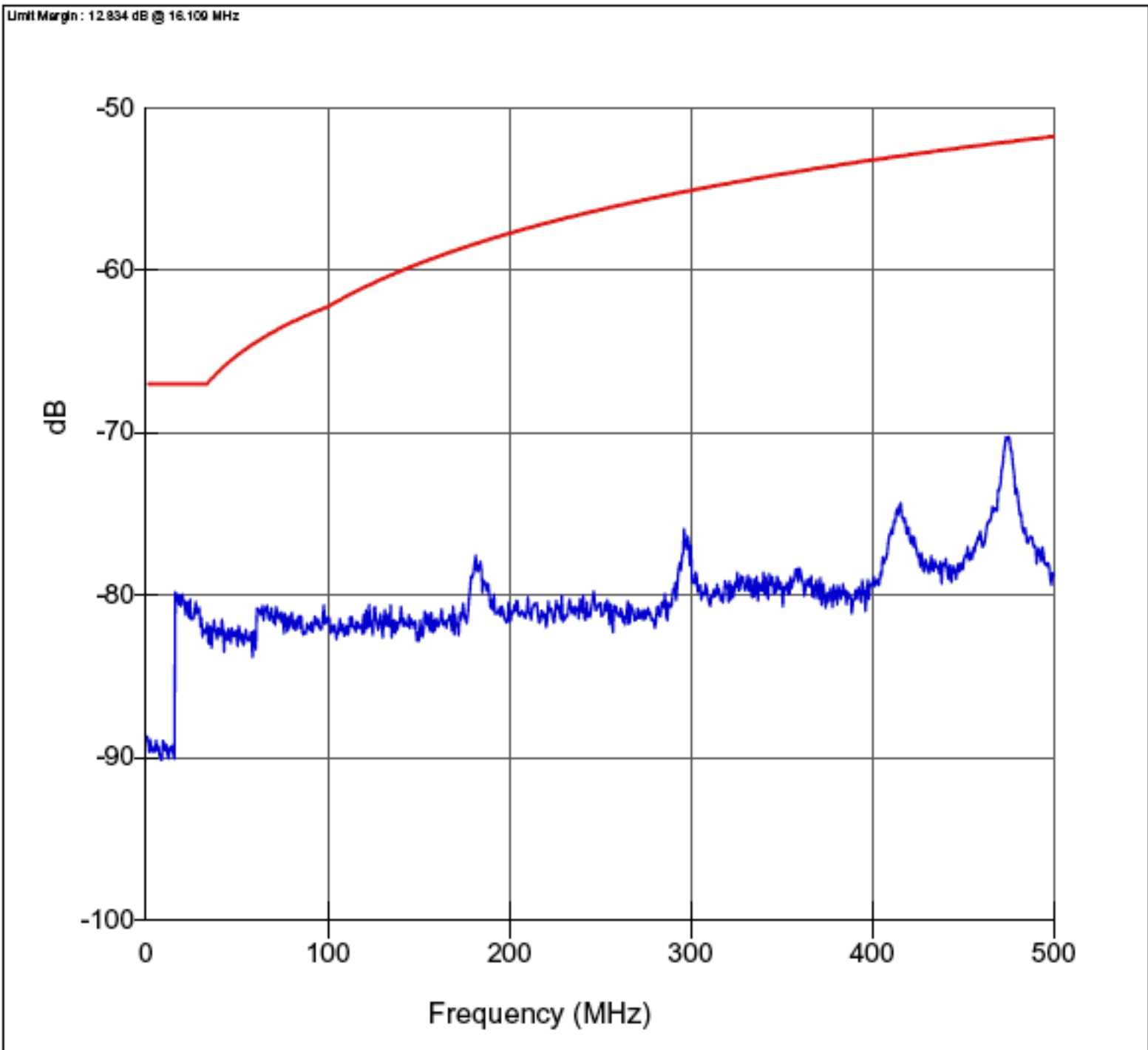
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)	Length(m)	100.
Part No	SSTP-4231-C6A	Temperature	20 °C
Test Started	12/16/2008 9:43:08 PM	Apparatus	B
Description	4 connectors shielded channel with patch panel	Test Status	Complies
Operator Name	Development		





ANEXT (PowerSum Average) Near

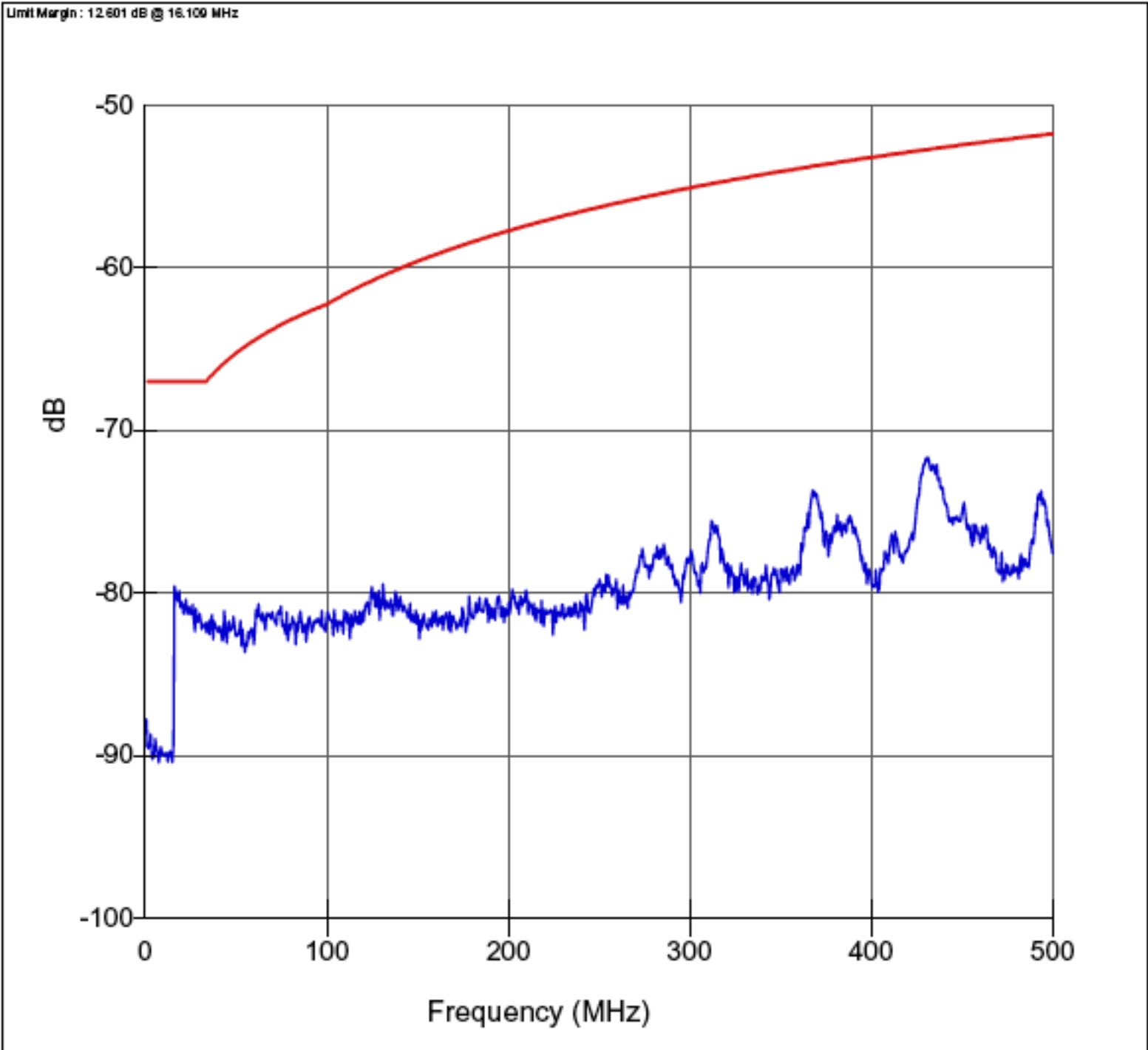
Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 9:43:08 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel		B
Operator Name	Development	Test Status	Complies





ANEXT (PowerSum Average) Far

Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 9:43:08 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel	Applicable	B
Operator Name	Development	Test Status	Complies





PSAACRF (Average) Near

Client	Dan-Chief	Project No	3154740CRT-004a
Specification	TIA 568B2-10 - Augmented Cat 6 (Channel)		
Part No	SSTP-4231-C6A	Length(m)	100.
Test Started	12/16/2008 9:43:08 PM	Temperature	20 °C
Description	4 connectors shielded channel with patch panel	Apparatus	B
Operator Name	Development	Test Status	Complies

