3933 US ROUTE 11, CORTLAND, NEW YORK 13045, U.S.A.
Phone Number: 1-800-345-3851 Fax Number: 607-758-3648

PROJECT NO.: 3030592-062 **DATE:** September 9, 2009

TEST REPORT NO.: 3030592-062

RENDERED TO:

Ortronics / Legrand
125 Eugene O'Neill Drive
New London, CT 06320

Ph (860) 445-3800 / Fax (860) 405-2970

TEST:

Performance testing of the cabling configurations as defined in and to the requirements of ANSI/TIA-568-C.2 Balanced Twisted-Pair Telecommunications Cabling and Components Standard.

STATEMENT OF LIMITATIONS:

The purpose of this report is to provide electrical performance data on the test sample. It is not valid to use this report for any other purpose.

STANDARDS USED:

ANSI/TIA-568-C.2 Balanced Twisted-Pair Telecommunications Cabling and Components Standard approved August 11, 2009.

AUTHORIZATION:

The project was authorized by Robert Aekins, representing, Ortronics Incorporated.

SPECIMEN DESCRIPTION:

GTX CAT 6a Channel, 4-Connector, 100 meters

DATE OF TEST:

02 September 2009

TEST REPORT REVISION HISTORY:

First Issue:	09-09-2009	Original Document

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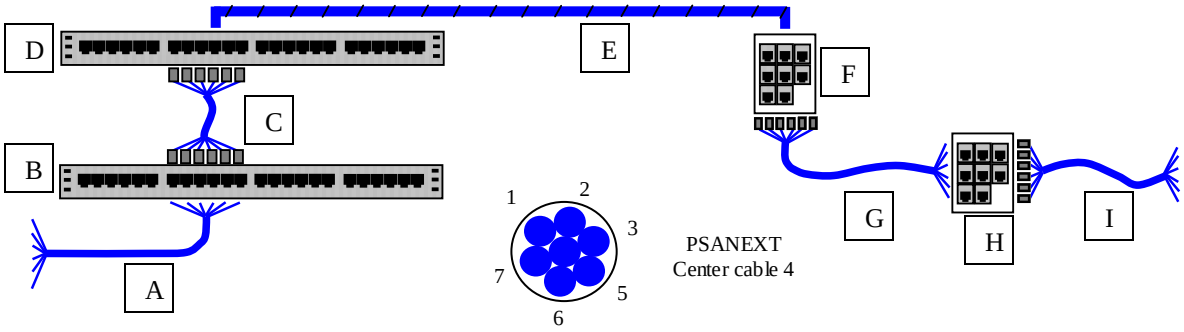
SAMPLE DESCRIPTION: **100 Meter 4 Connector Channel**



Alien Crosstalk Setup:
90m Horizontal cable 6 around 1 bundled, Taped/Velcro wrap every 8", Disturbed cable #4, Disturber cables (1,2,3,5,6,7)

Standard Setup:
Selected Cable #4

Component ID	Manufacturer	Part Number	Description
A	Ortronics	OR-MC61009-09	C6A Patch Cable (3m)
B	Ortronics	OR-PJ6A00-00	Cat6A 10G-Panel Jack
C	Ortronics	OR-MC61007-09	C6A Patch Cable (2m)
D	Ortronics	OR-PHD610U24	Cat6A 10G Patch Panel
E	Berk-Tek	LANMARK 10G2 UTP CMP	Cable CAT6A (90m)
F	Ortronics	OR-TJ610-44	Cat6A 10G-TracJack
G	Ortronics	OR-MC61007-09	C6A Patch Cable (2m)
H	Ortronics	OR-TJ610-44	Cat6A 10G-TracJack
I	Ortronics	OR-MC61009-09	C6A Patch Cable (3m)

EQUIPMENT LIST:

The following equipment was employed in conducting the tests.

Equipment Used	Model Number	Serial Number	Control Number	Calibration Date
Agilent Technologies Network Analyzer	E5071B	MY42403324	N/A	06/03/2009
Hewlett Packard Multimeter	34401A	US36035667	N/A	06/03/2009

RESULTS:

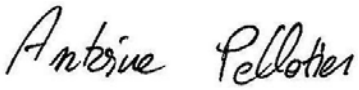
See appendixes A through C for the test results.

CONCLUSION:

The channel configuration, as previously described, was tested under the SAT program of Intertek in accordance with the standard contained herein, and did comply with the indicated applicable transmission requirements.

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

Reviewed and approved by:



Antoine Pelletier
Engineer
Global Cabling Products Testing

APPENDIX A

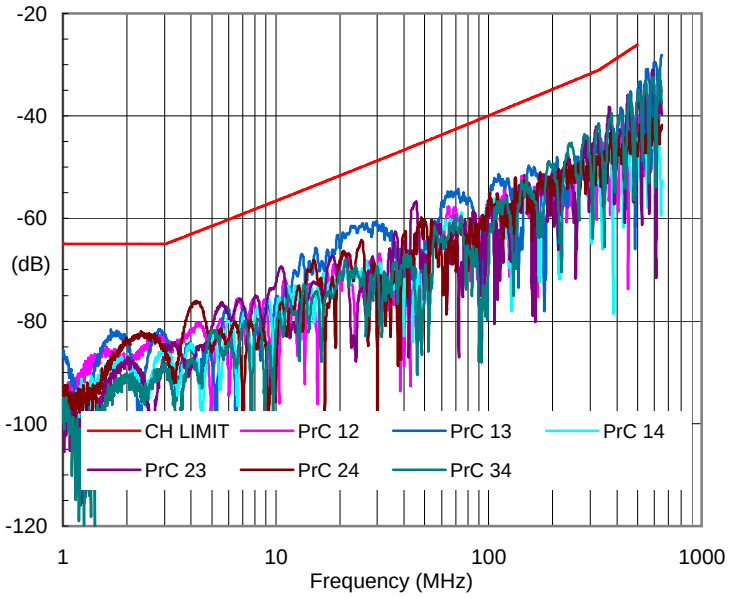
Test Results

Internal (core) transmission characteristics of the “disturbed” channel

Any data shown above 500 MHz is for indication only.

This appendix contains 7 pages.

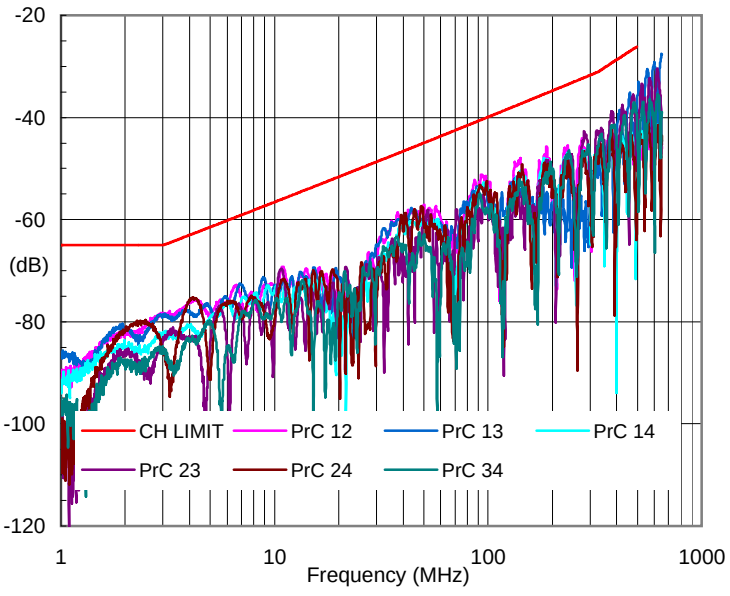
NEXT as measured from the TELECOMMUNICATIONS ROOM (TR)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Measured Value (dB)	CH LIMIT Value (dB)
Swept Freq	465.3	8.2	35.2	27.0
Discrete Points	1.00	21.8	86.8	65.0
	4.00	14.3	77.4	63.0
	8.00	17.1	75.3	58.2
	10.00	16.0	72.6	56.6
	16.00	17.0	70.2	53.2
	20.00	14.1	65.7	51.6
	25.00	11.7	61.7	50.0
	31.25	14.0	62.4	48.4
	62.50	12.7	56.1	43.4
	100.00	16.1	56.0	39.9
	200.00	14.7	49.4	34.8
	250.00	13.5	46.6	33.1
	300.00	16.7	48.5	31.7
	400.00	14.0	42.8	28.7
	500.00	9.9	36.0	26.1
	650.00		28.2	n/a

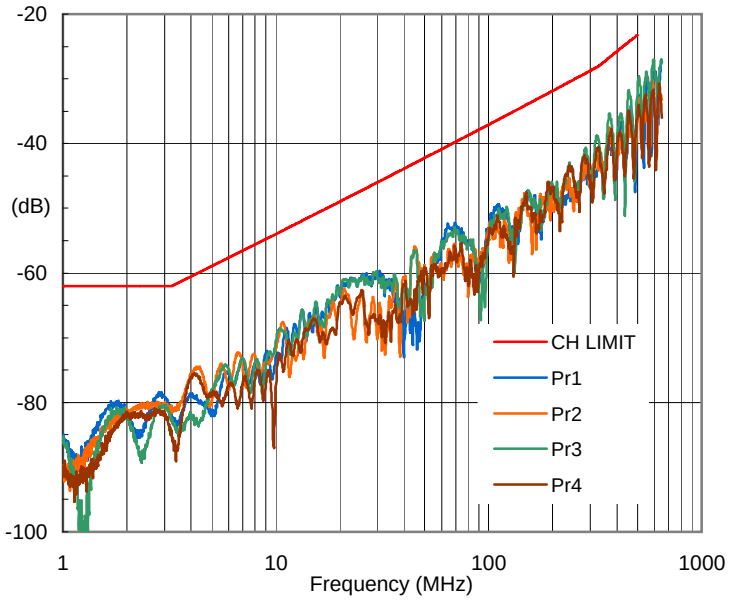
NEXT as measured from the WORK AREA (WA)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Measured Value (dB)	CH LIMIT Value (dB)
Swept Freq	462.0	8.1	35.2	27.0
Discrete Points	1.00	21.0	86.0	65.0
	4.00	12.6	75.7	63.0
	8.00	16.4	74.6	58.2
	10.00	16.4	72.9	56.6
	16.00	16.6	69.8	53.2
	20.00	19.8	71.4	51.6
	25.00	25.3	75.3	50.0
	31.25	15.1	63.5	48.4
	62.50	18.2	61.6	43.4
	100.00	13.1	53.0	39.9
	200.00	16.0	50.8	34.8
	250.00	17.7	50.8	33.1
	300.00	16.4	48.2	31.7
	400.00	16.0	44.7	28.7
	500.00	9.7	35.8	26.1
	650.00		27.6	n/a

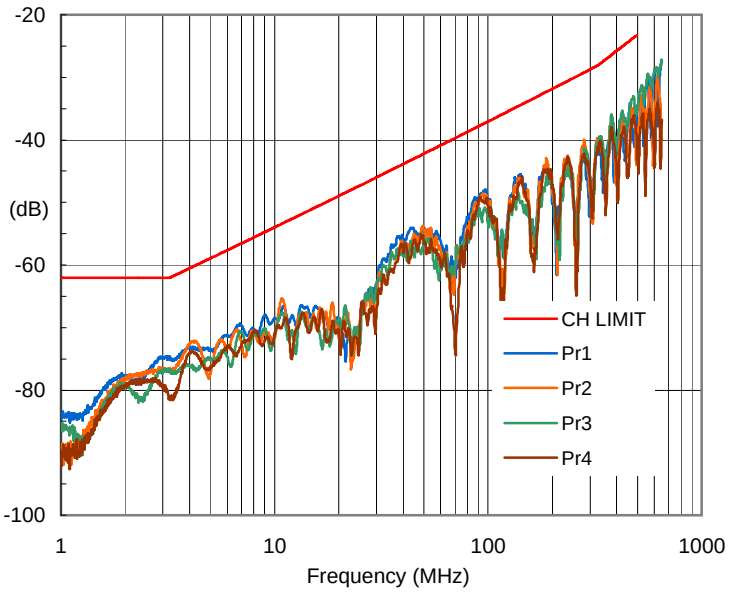
PSNEXT as measured from the TELECOMMUNICATIONS ROOM (TR)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	455.5	7.5	31.8	24.3
Discrete Points	1.00	23.7	85.7	62.0
	4.00	15.4	75.9	60.5
	8.00	17.3	72.9	55.6
	10.00	16.5	70.5	54.0
	16.00	17.2	67.8	50.6
	20.00	14.3	63.2	49.0
	25.00	13.6	60.9	47.3
	31.25	15.7	61.4	45.7
	62.50	13.4	54.0	40.6
	100.00	15.8	52.9	37.1
	200.00	15.0	46.8	31.9
	250.00	14.9	45.0	30.2
	300.00	17.0	45.8	28.8
	400.00	13.9	39.7	25.8
	500.00	8.3	31.5	23.2
	650.00		27.4	n/a

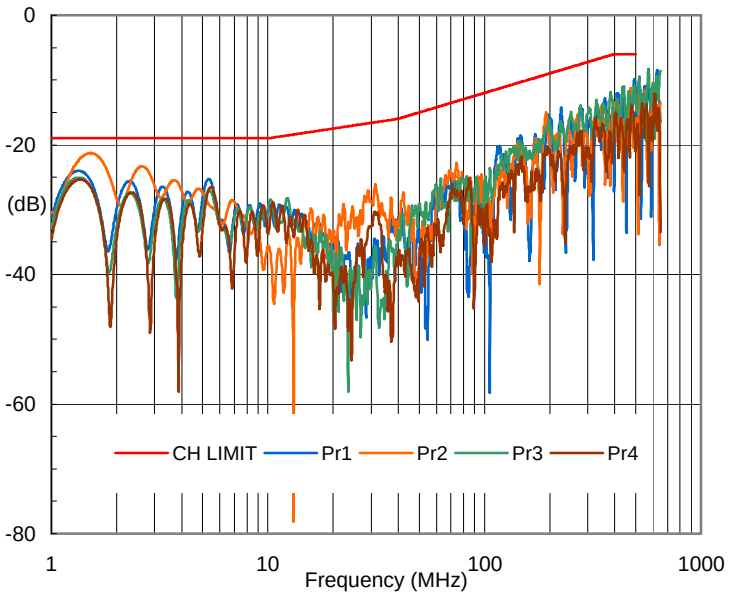
PSNEXT as measured from the WORK AREA (WA)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	478.9	9.2	33.0	23.7
Discrete Points	1.00	22.2	84.2	62.0
	4.00	12.1	72.6	60.5
	8.00	14.6	70.2	55.6
	10.00	14.5	68.5	54.0
	16.00	16.3	66.9	50.6
	20.00	19.7	68.7	49.0
	25.00	24.2	71.6	47.3
	31.25	14.4	60.2	45.7
	62.50	17.6	58.2	40.6
	100.00	12.6	49.6	37.1
	200.00	15.5	47.3	31.9
	250.00	17.3	47.5	30.2
	300.00	17.6	46.4	28.8
	400.00	15.4	41.2	25.8
	500.00	11.5	34.7	23.2
	650.00		27.2	n/a

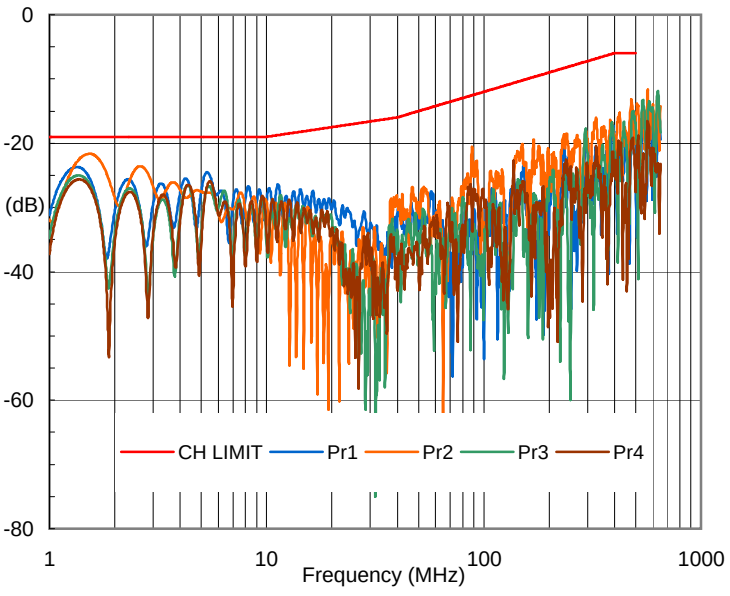
RL as measured from the TELECOMMUNICATIONS ROOM (TR)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Measured Value (dB)	CH LIMIT Value (dB)
Swept Freq	1.5	2.3	21.3	19.0
Discrete Points	1.00	11.3	30.3	19.0
	4.00	8.1	27.1	19.0
	8.00	11.7	30.7	19.0
	10.00	10.7	29.7	19.0
	16.00	12.5	30.5	18.0
	20.00	16.2	33.7	17.5
	25.00	14.9	32.0	17.0
	31.25	9.6	26.2	16.5
	62.50	11.8	25.8	14.0
	100.00	13.7	25.7	12.0
	200.00	7.0	15.9	9.0
	250.00	7.2	15.2	8.0
	300.00	7.9	15.2	7.2
	400.00	7.5	13.5	6.0
	500.00	6.0	12.0	6.0
	650.00		8.6	n/a

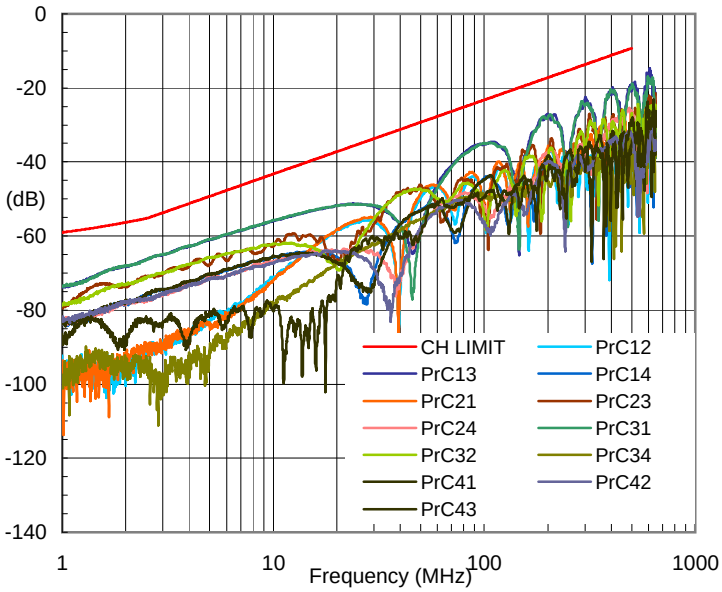
RL as measured from the WORK AREA (WA)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Measured Value (dB)	CH LIMIT Value (dB)
Swept Freq	1.5	2.6	21.6	19.0
Discrete Points	1.00	12.1	31.1	19.0
	4.00	8.3	27.3	19.0
	8.00	9.5	28.5	19.0
	10.00	9.9	28.9	19.0
	16.00	11.2	29.2	18.0
	20.00	12.7	30.1	17.5
	25.00	15.9	32.9	17.0
	31.25	16.9	33.4	16.5
	62.50	15.3	29.3	14.0
	100.00	16.4	28.4	12.0
	200.00	16.3	25.3	9.0
	250.00	13.7	21.7	8.0
	300.00	12.6	19.8	7.2
	400.00	13.1	19.1	6.0
	500.00	11.0	17.0	6.0
	650.00		14.3	n/a

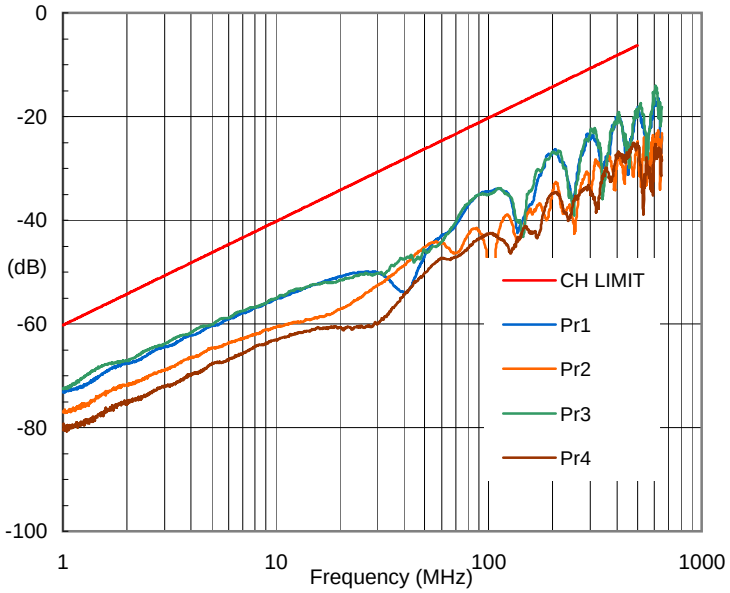
ACRF



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Measured Value (dB)	CH LIMIT Value (dB)
Swept Freq	406.7	8.8	19.9	11.1
Discrete Points	1.00	14.6	73.6	59.0
	4.00	11.4	62.6	51.2
	8.00	12.2	57.4	45.2
	10.00	12.5	55.7	43.3
	16.00	13.7	52.9	39.2
	20.00	14.5	51.8	37.2
	25.00	16.0	51.3	35.3
	31.25	18.6	51.9	33.4
	62.50	17.1	44.5	27.3
	100.00	11.7	35.0	23.3
	200.00	9.8	27.0	17.2
	250.00	22.1	37.4	15.3
	300.00	9.4	23.1	13.7
	400.00	9.3	20.5	11.2
	500.00	9.9	19.2	9.3
	650.00		21.3	n/a

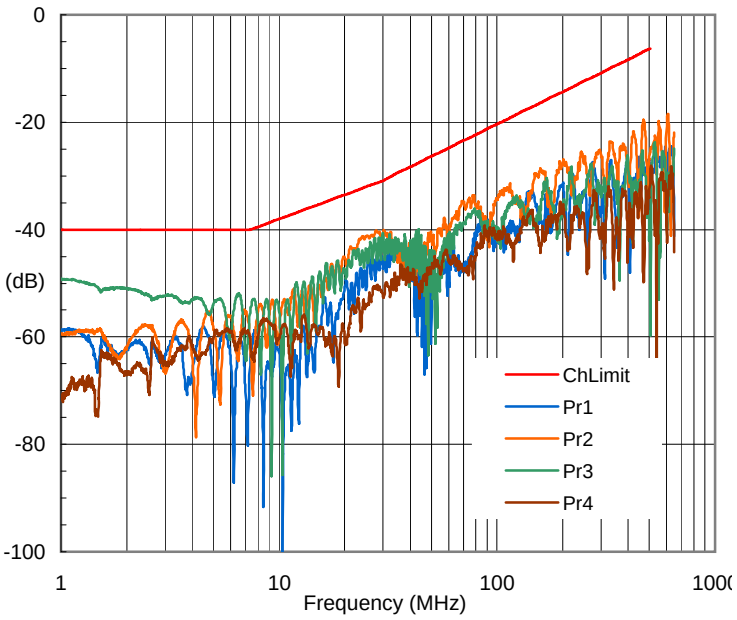
PSACRF



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	406.7	11.1	19.2	8.1
Discrete Points	1.00	12.3	72.5	60.3
	4.00	13.5	61.7	48.2
	8.00	14.6	56.8	42.2
	10.00	14.9	55.1	40.3
	16.00	16.0	52.2	36.2
	20.00	16.6	50.8	34.2
	25.00	17.7	50.0	32.3
	31.25	19.7	50.0	30.4
	62.50	18.3	42.6	24.3
	100.00	14.2	34.5	20.3
	200.00	12.5	26.8	14.2
	250.00	24.0	36.3	12.3
	300.00	12.1	22.8	10.7
	400.00	12.0	20.2	8.2
	500.00	12.2	18.4	6.3
	650.00		18.2	n/a

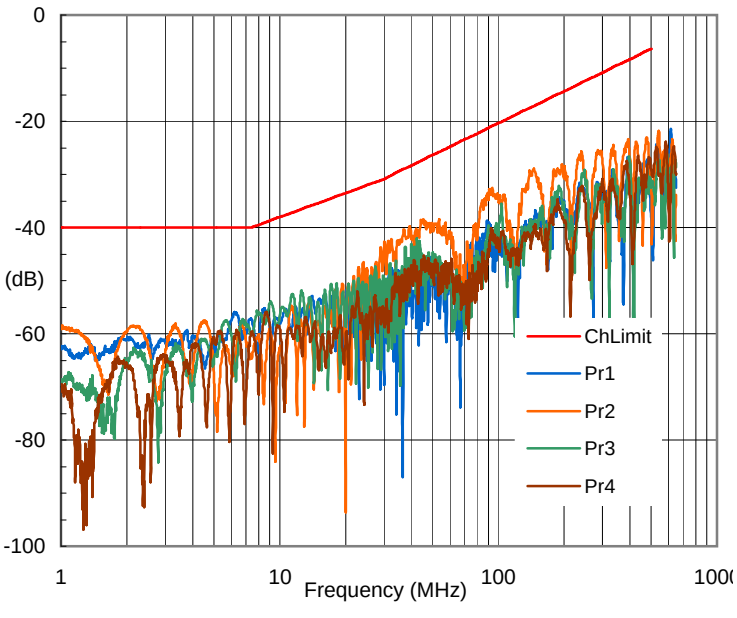
TCL as measured from the TELECOMMUNICATIONS ROOM (TR)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	27.5	8.8	40.2	31.4
Discrete Points	1.00	9.1	49.1	40.0
	4.00	13.0	53.0	40.0
	8.00	14.8	54.3	39.5
	10.00	18.1	56.1	38.0
	16.00	13.7	48.7	34.9
	20.00	12.3	45.8	33.5
	25.00	9.2	41.3	32.0
	31.25	11.6	42.0	30.4
	62.50	13.5	37.8	24.4
	100.00	13.9	34.2	20.3
	200.00	13.2	27.4	14.3
	250.00	14.7	27.1	12.3
	300.00	15.7	26.5	10.8
	400.00	21.8	30.1	8.3
	500.00	19.2	25.5	6.3
	650.00		22.0	n/a

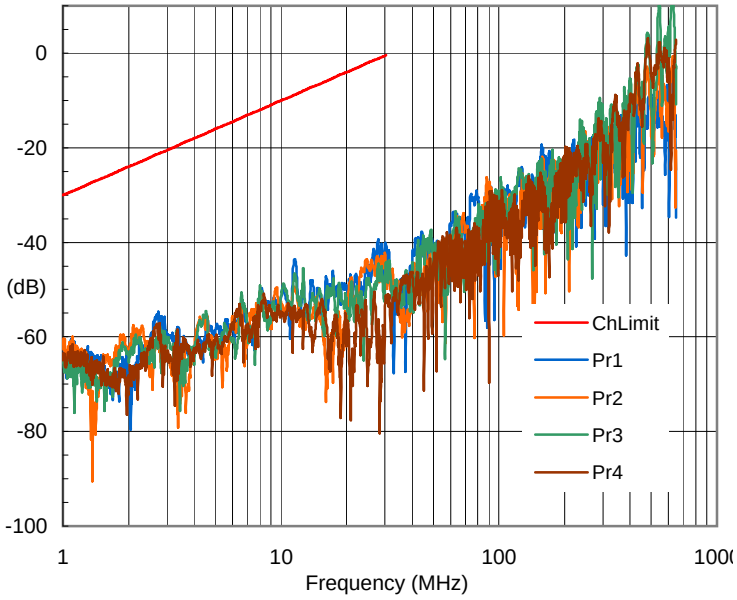
TCL as measured from the WORK AREA (WA)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	43.7	11.1	38.6	27.5
Discrete Points	1.00	19.2	70.5	40.0
	4.00	20.6	62.2	40.0
	8.00	16.7	67.0	39.5
	10.00	18.0	59.4	38.0
	16.00	17.2	65.4	34.9
	20.00	18.2	59.6	33.5
	25.00	16.1	57.2	32.0
	31.25	12.9	57.7	30.4
	62.50	22.2	51.2	24.4
	100.00	14.8	44.1	20.3
	200.00	15.1	38.7	14.3
	250.00	17.3	35.8	12.3
	300.00	19.5	32.6	10.8
	400.00	22.7	36.5	8.3
	500.00	23.8	30.1	6.3
	650.00		29.8	n/a

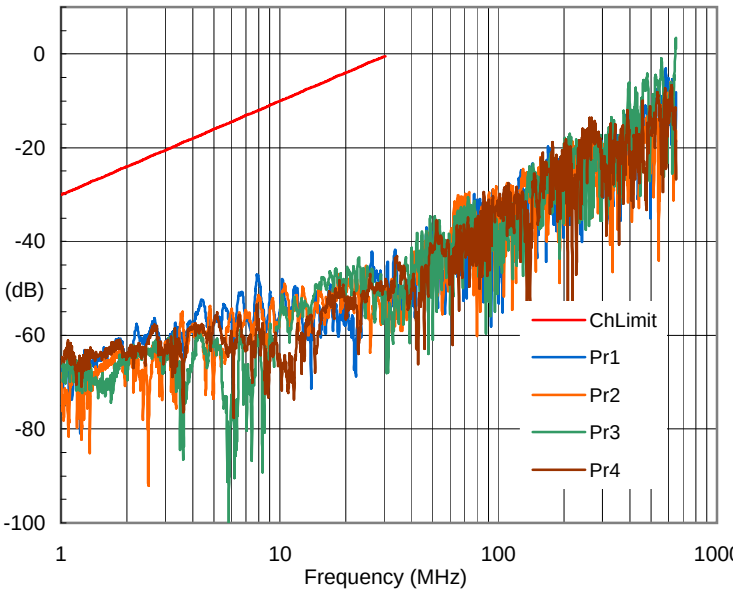
ELTCTL as measured from the TELECOMMUNICATIONS ROOM (TR)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	1.0	30.4	60.4	29.9
Discrete Points	1.00	30.8	60.8	30.0
	4.00	42.5	60.4	18.0
	8.00	38.5	50.5	11.9
	10.00	40.7	50.7	10.0
	16.00	41.9	47.8	5.9
	20.00	47.1	51.1	4.0
	25.00	43.0	45.1	2.0
	31.25		45.1	n/a
	62.50		34.3	n/a
	100.00		33.3	n/a
	200.00		20.0	n/a
	250.00		18.5	n/a
	300.00		18.2	n/a
	400.00		9.2	n/a
	500.00		5.7	n/a
	650.00		-2.8	n/a

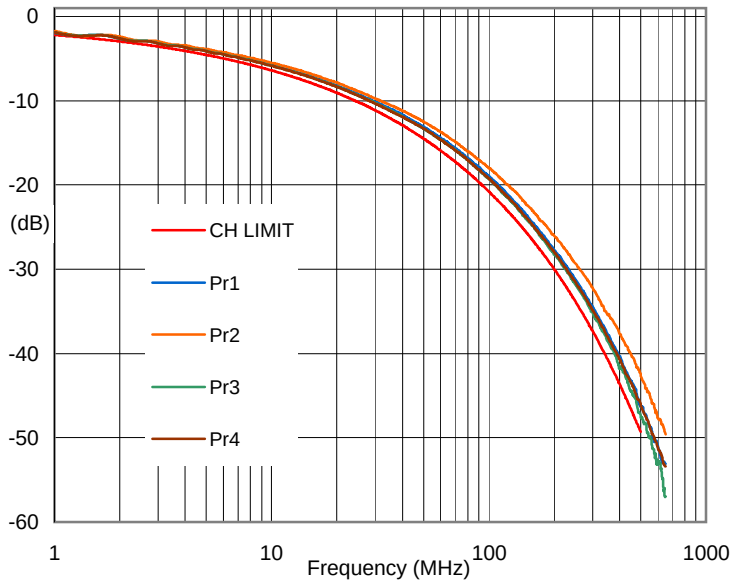
ELTCTL as measured from the WORK AREA (WA)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	1.1	31.6	61.0	29.4
Discrete Points	1.00	35.0	65.0	30.0
	4.00	39.5	57.4	18.0
	8.00	37.5	49.4	11.9
	10.00	43.8	53.8	10.0
	16.00	43.4	49.4	5.9
	20.00	44.3	48.3	4.0
	25.00	44.3	46.4	2.0
	31.25		50.7	n/a
	62.50		31.6	n/a
	100.00		30.8	n/a
	200.00		18.3	n/a
	250.00		19.2	n/a
	300.00		21.9	n/a
	400.00		19.0	n/a
	500.00		11.5	n/a
	650.00		-1.1	n/a

INSERTION LOSS (ATTN)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Measured Value (dB)	CH LIMIT Value (dB)
Swept Freq	1.00	0.28	1.91	2.19
Discrete Points	1.00	0.28	1.9	2.2
	4.00	0.41	3.7	4.1
	8.00	0.53	5.2	5.7
	10.00	0.56	5.8	6.4
	16.00	0.65	7.4	8.1
	20.00	0.71	8.4	9.1
	25.00	0.77	9.4	10.2
	31.25	0.81	10.6	11.4
	62.50	1.31	14.9	16.3
	100.00	1.50	19.3	20.8
	200.00	1.76	28.2	30.0
	250.00	2.00	31.8	33.8
	300.00	2.12	35.2	37.3
	400.00	1.81	41.8	43.6
	500.00	1.89	47.4	49.3
	650.00		57.0	n/a

Note: Low End Frequency Insertion Loss minimal between 1 & 2 MHz less than .2 dB failure is insignificant due to accuracy of tes

DC Resistance Unbalance (%)

ChnlLimit	Pr1	Pr2	Pr3	Pr4	MaxValue	MinMargin
3	1.300	0.000	1.320	1.330	1.330	1.670

GLOSSARY of TERMS

Calculated Margin: The minimum difference in dB between the measured value and the LIMIT value at the specifed frequency point for all tested pairs (CalculateMargin@100MHz = MeasuredValue@100MHz - LIMITValue@100MHz (dB)).

Discrete Points: Specific reference points of interest in MHz within the swept frequencies.

Frequency Point: A specific frequency point in megahertz (MHz) for which the data indicated is applicable.

LIMIT Value. The calculated response LIMIT in dB at the indicated frequency point as calculated using applicable equatio defined by the appropriate standard.

Measured Value: The worst case measured response in dB at the frequency indicated for all tested pai

Swept Freq: The band of measured values from 1 MHz to the upper frequency LIMIT as defined by the category of test.

Swept Freq (Margin): The minimum margin in dB detected across the Swept Frequency band.

Worst Case: A composite value calculated from the maximum response of each pair or pair combination at a given frequer ($WorstCase_{100MHz} = Max(Pr1_{100MHz}, Pr2_{100MHz}, Pr3_{100MHz}, Pr4_{100MHz})$ etc.

ACR / PSACR: If Provided are for reference only. Limit line(s) are provided for reference and are calculated as the difference between the applicable NEXT Loss and Insertion loss limits ($ACR_{limit} = NEXT_{limit}$ - Il $_{limit}$).

APPENDIX B

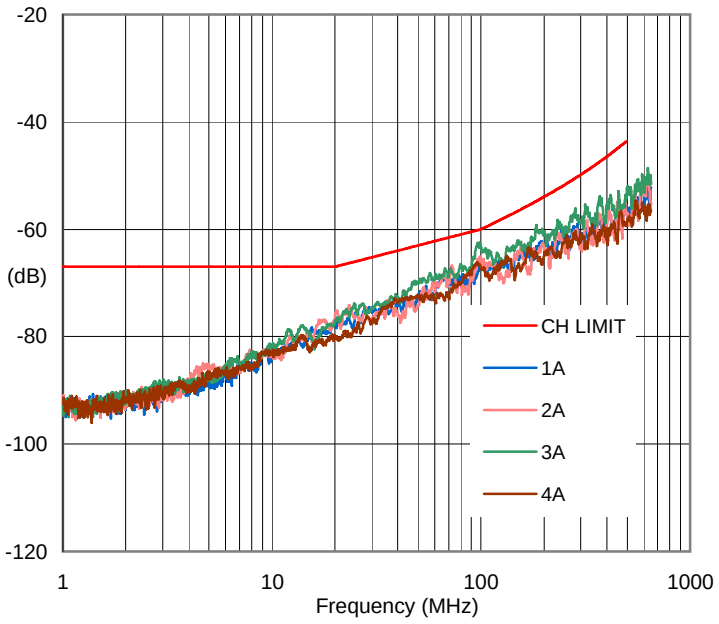
Test results

Alien transmission characteristics (6 around 1 test configuration)

Any data reported above 500 MHz is for indication only.

This contains appendix 2 pages.

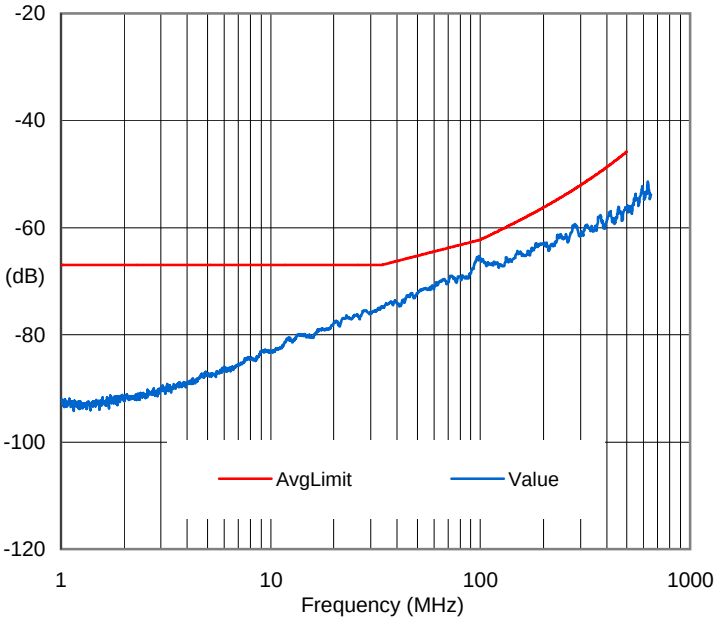
PowerSum Alien Near-End Crosstalk (PSANEXT)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Measured Value (dB)	CH LIMIT Value (dB)
Swept Freq	369.2	2.3	-53.8	-51.5
Discrete Points	1.00	24.8	91.8	67.0
	4.00	21.6	88.6	67.0
	8.00	16.6	83.6	67.0
	10.00	15.0	82.0	67.0
	16.00	12.3	79.3	67.0
	20.00	9.4	76.4	67.0
	25.00	8.0	74.0	66.0
	31.25	9.0	74.1	65.1
	62.50	7.2	69.2	62.0
	100.00	3.4	63.4	60.0
	200.00	6.7	60.7	54.0
	250.00	8.3	60.1	51.8
	300.00	8.9	58.7	49.8
	400.00	8.9	55.4	46.5
	500.00	9.1	52.7	43.5
	650.00		51.6	n/a

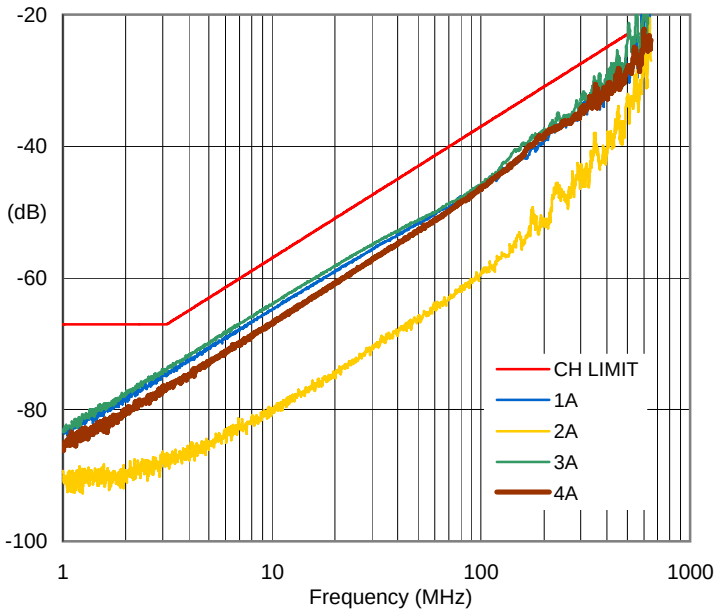
Average PowerSum Alien Near-End Crosstalk (avgPSANEXT)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Measured Value (dB)	CH LIMIT Value (dB)
Swept Freq	98.4	5.2	-65.3	-60.1
Discrete Points	1.00	25.2	92.2	67.0
	4.00	22.2	89.2	67.0
	8.00	17.7	84.7	67.0
	10.00	16.3	83.3	67.0
	16.00	13.4	80.4	67.0
	20.00	10.8	77.8	67.0
	25.00	9.4	76.4	67.0
	31.25	8.5	75.5	67.0
	62.50	6.5	70.8	64.3
	100.00	3.5	65.8	62.3
	200.00	6.6	62.9	56.2
	250.00	8.0	62.1	54.0
	300.00	9.5	61.6	52.1
	400.00	10.2	58.9	48.7
	500.00	10.6	56.4	45.8
	650.00		53.8	n/a

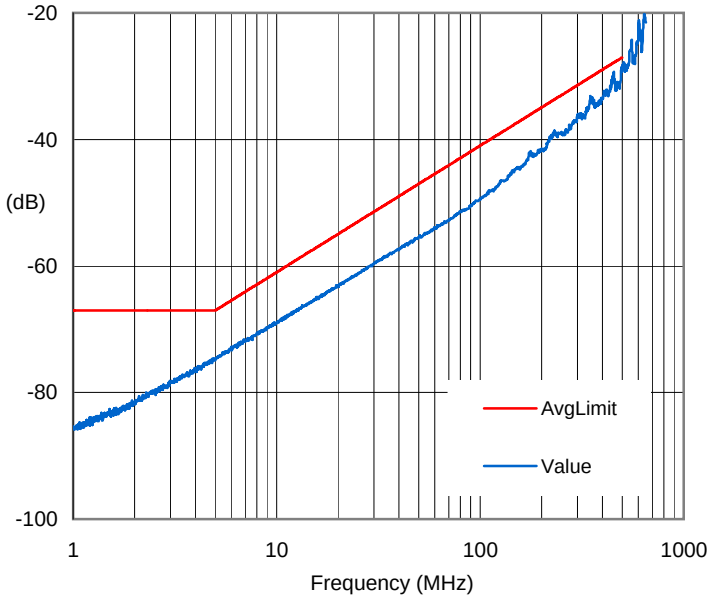
Power Sum Attenuation to Alien Crosstalk Ratio Far-End (PSAACRF)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	447.4	1.5	-25.5	-24.0
Discrete Points	1.00	16.0	83.0	67.0
	4.00	6.9	71.8	65.0
	8.00	7.0	65.9	58.9
	10.00	7.1	64.1	57.0
	16.00	7.2	60.1	52.9
	20.00	7.2	58.2	51.0
	25.00	7.4	56.4	49.0
	31.25	7.5	54.6	47.1
	62.50	8.7	49.7	41.1
	100.00	8.7	45.7	37.0
	200.00	6.3	37.3	31.0
	250.00	6.6	35.6	29.0
	300.00	5.4	32.9	27.5
	400.00	5.1	30.1	25.0
	500.00	2.6	25.6	23.0
	650.00		16.4	n/a

Average Power Sum Attenuation to Alien Crosstalk Ratio Far-End (avgPSAACRF)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	453.9	1.4	-29.3	-27.9
Discrete Points	1.00	18.3	85.3	67.0
	4.00	9.6	76.6	67.0
	8.00	3.8	70.8	62.9
	10.00	2.0	69.0	61.0
	16.00	-1.9	65.1	56.9
	20.00	-3.9	63.1	55.0
	25.00	-5.7	61.3	53.0
	31.25	-7.7	59.3	51.1
	62.50	-10.6	53.7	45.1
	100.00	-12.8	49.5	41.0
	200.00	-14.7	41.5	35.0
	250.00	-15.0	39.1	33.0
	300.00	-15.8	36.3	31.5
	400.00	-15.1	33.7	29.0
	500.00	-16.8	29.0	27.0
	650.00		21.5	n/a

APPENDIX C

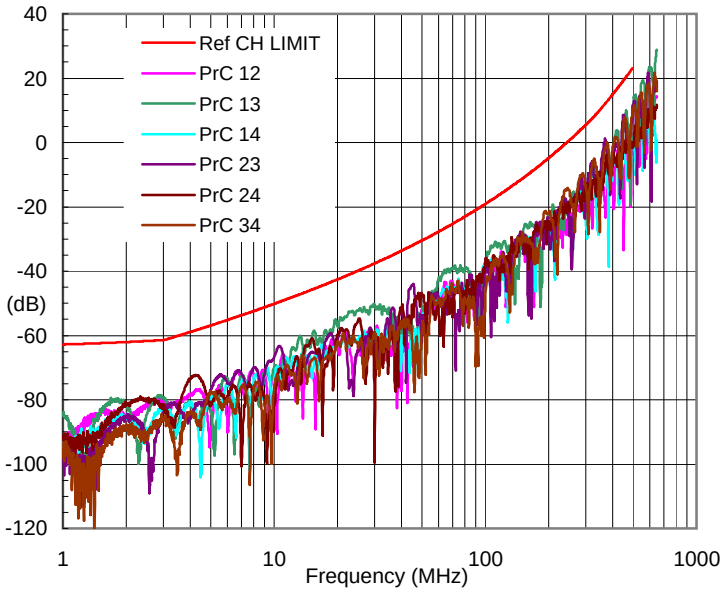
Test results

ACR transmission performance provided for reference ONLY

Any data reported above 500 MHz is for indication only.

This appendix contains 2 pages.

Pair-to-Pair ACR as measured from the TELECOMMUNICATIONS ROOM (TR)

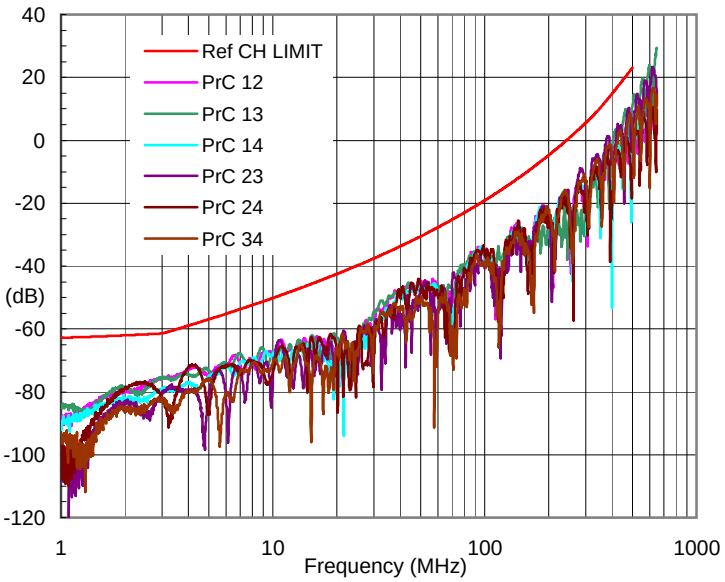


NOTE: Limit line/values provided for reference ONLY and are extrapola from NEXT Loss and IL limit requirements. ACR_{limit} = NEXT $_{limit}$ - IL $_{limit}$

Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	465.3	9.1	9.9	19.0
Discrete Points	1.00	-35.1	-97.9	-62.8
	4.00	-26.9	-85.8	-59.0
	8.00	-26.7	-79.1	-52.4
	10.00	-35.8	-86.0	-50.2
	16.00	-25.4	-70.5	-45.1
	20.00	-21.1	-63.7	-42.6
	25.00	-24.9	-64.7	-39.9
	31.25	-32.1	-69.2	-37.0
	62.50	-25.4	-52.6	-27.1
	100.00	-30.2	-49.3	-19.2
	200.00	-25.8	-30.6	-4.8
	250.00	-29.0	-28.3	0.7
	300.00	-29.6	-24.1	5.5
	400.00	-26.5	-11.6	14.9
	500.00	-24.5	-1.3	23.2
	650.00		0.9	n/a

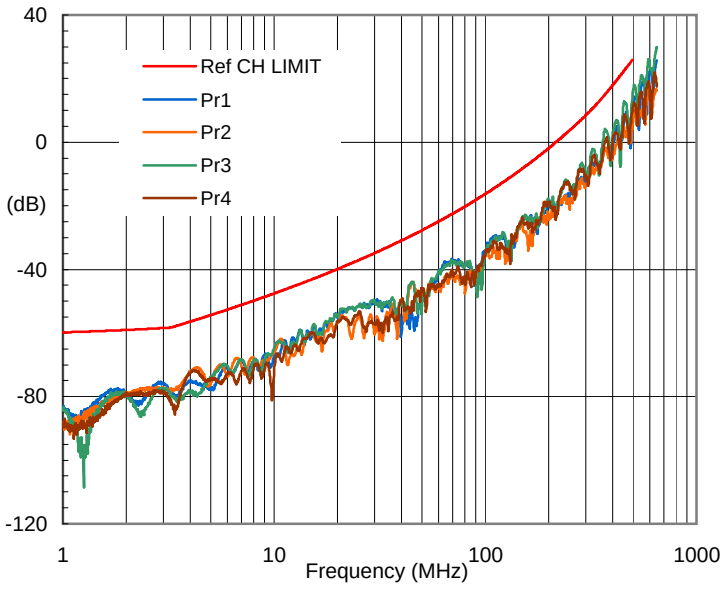
Pair-to-Pair ACR as measured from the WORK AREA (WA)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	462.0	9.0	9.8	18.7
Discrete Points	1.00	-36.1	-98.9	-62.8
	4.00	-21.1	-80.1	-59.0
	8.00	-18.6	-71.0	-52.4
	10.00	-25.9	-76.1	-50.2
	16.00	-25.6	-70.8	-45.1
	20.00	-26.7	-69.3	-42.6
	25.00	-29.8	-69.7	-39.9
	31.25	-22.5	-59.5	-37.0
	62.50	-23.8	-50.9	-27.1
	100.00	-21.1	-40.3	-19.2
	200.00	-26.1	-30.9	-4.8
	250.00	-26.5	-25.8	0.7
	300.00	-29.3	-23.8	5.5
	400.00	-42.5	-27.6	14.9
	500.00	-31.2	-8.0	23.2
	650.00		3.8	n/a

Power Sum (PS) ACR as measured from the TELECOMMUNICATIONS ROOM (TR)

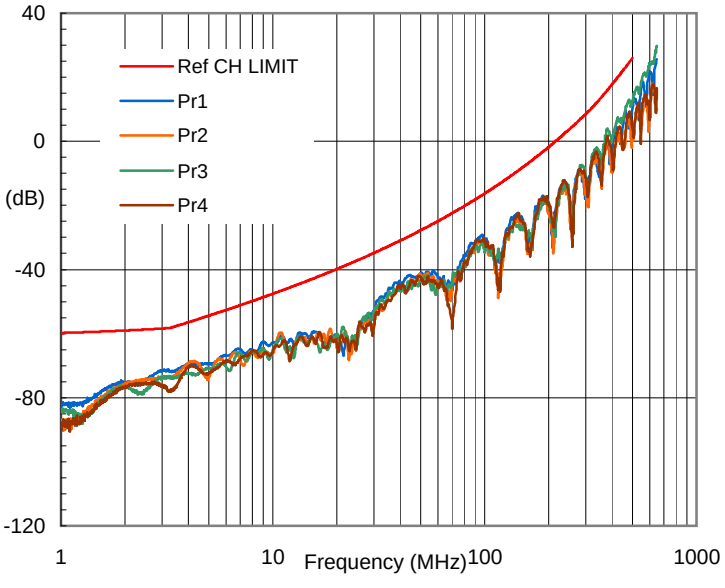


NOTE: Limit line/values provided for reference ONLY and are extrapola
from PSNEXT Loss and IL limit requirements. $psACR_{limit} = psNEXT_{limit} - IL_{limit}$

Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	500.0	8.5	15.9	24.5
Discrete Points	1.00	-29.8	-89.6	-59.8
	4.00	-22.4	-78.8	-56.5
	8.00	-21.1	-71.0	-49.9
	10.00	-24.2	-71.8	-47.6
	16.00	-20.4	-62.9	-42.5
	20.00	-16.9	-56.8	-39.9
	25.00	-17.5	-54.7	-37.2
	31.25	-24.4	-58.7	-34.3
	62.50	-21.0	-45.3	-24.3
	100.00	-19.3	-35.6	-16.3
	200.00	-22.5	-24.4	-1.9
	250.00	-24.2	-20.6	3.6
	300.00	-22.2	-13.7	8.5
	400.00	-22.8	-5.0	17.8
	500.00	-18.8	7.3	26.1
	650.00		16.3	n/a

Power Sum (PS) ACR as measured from the WORK AREA (WA)



Worst Case Margin

	Frequency Point (MHz)	Calculated Margin (dB)	Calculated Value (dB)	CH LIMIT Value (dB)
Swept Freq	481.1	10.1	13.0	23.1
Discrete Points	1.00	-29.1	-88.9	-59.8
	4.00	-15.9	-72.4	-56.5
	8.00	-15.9	-65.8	-49.9
	10.00	-18.7	-66.3	-47.6
	16.00	-20.7	-63.2	-42.5
	20.00	-23.4	-63.3	-39.9
	25.00	-25.7	-62.9	-37.2
	31.25	-19.3	-53.6	-34.3
	62.50	-20.9	-45.2	-24.3
	100.00	-18.1	-34.4	-16.3
	200.00	-20.7	-22.6	-1.9
	250.00	-21.9	-18.2	3.6
	300.00	-25.7	-17.2	8.5
	400.00	-27.2	-9.4	17.8
	500.00	-25.8	0.3	26.1
	650.00		9.6	n/a