

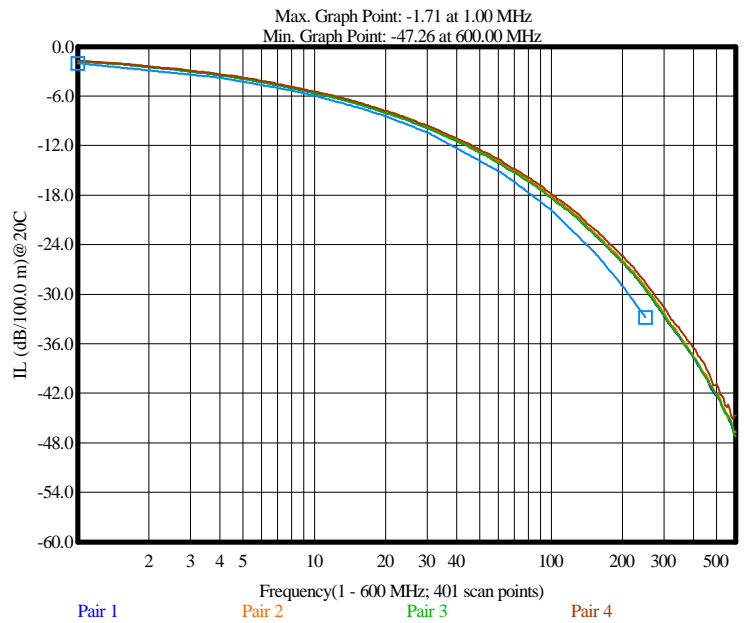
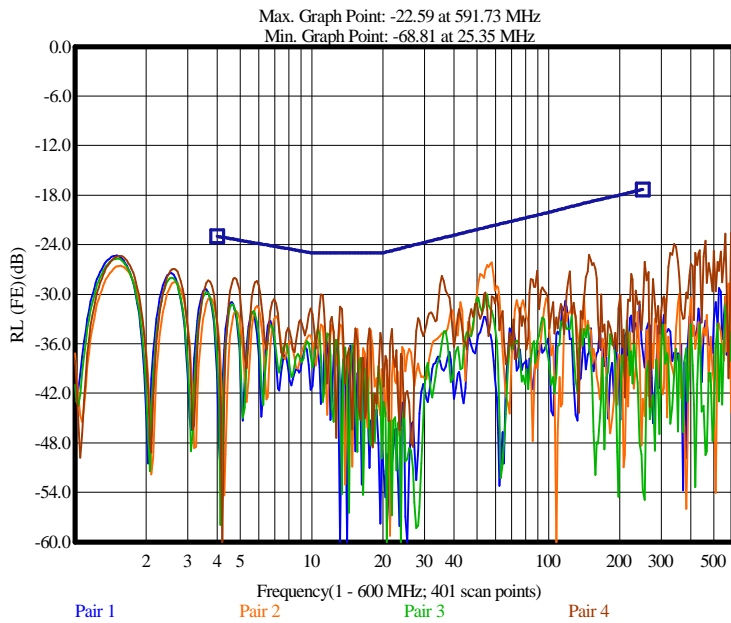
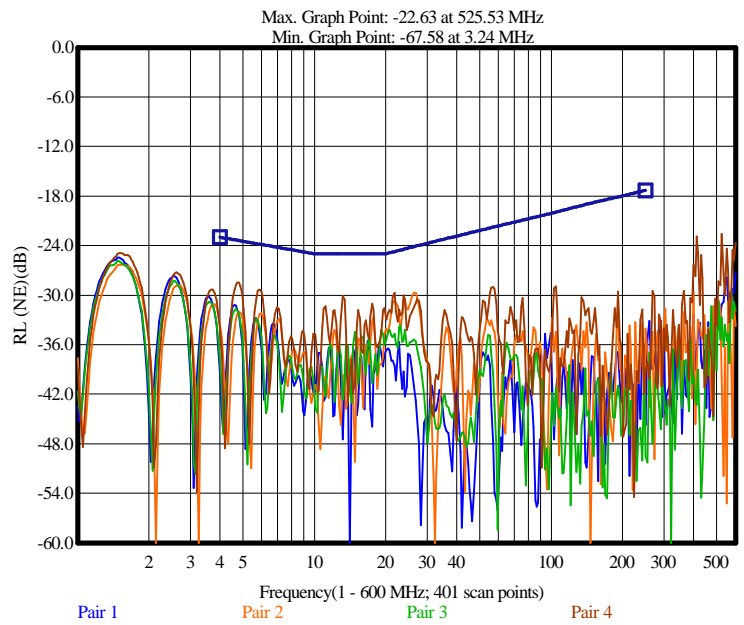
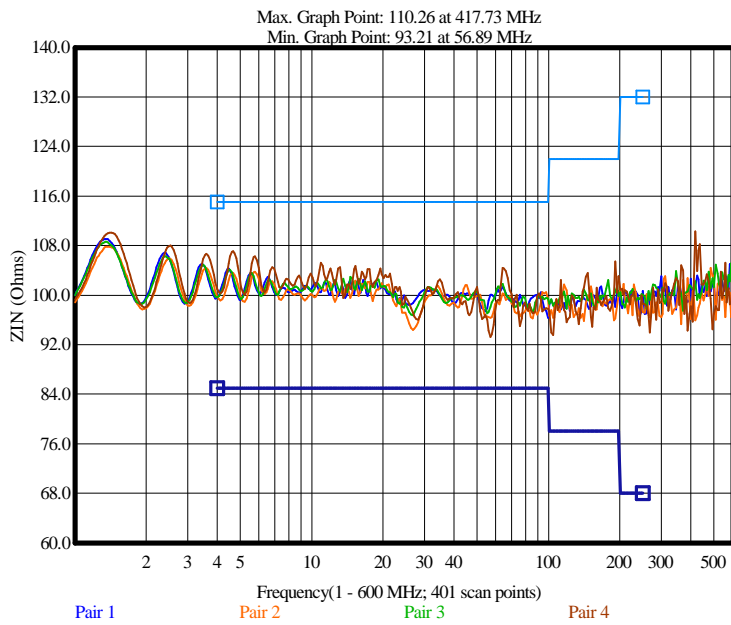
DCM Test Report

Cable Type : 4x2x23 x PE/PVC	Factory Number : C6E	Data File Name : DA151688.D3S
Cable I.D. : U/UTP#23X4P CABLE	Order Number : TEST-2-LOOP	Specification File : SC6E-600-100M.S3S
Temperature : 25.00 °C	Relative Humidity : 50 %	Test Date/Time : 11/18/2022 06:43:16 PM
Length : 100.00 m	Number of Pairs to Test : 4	Operator : X CMR-LP
Starting Position : 1		Analyzer Type : ENA

Worst Case Summary

High Frequency

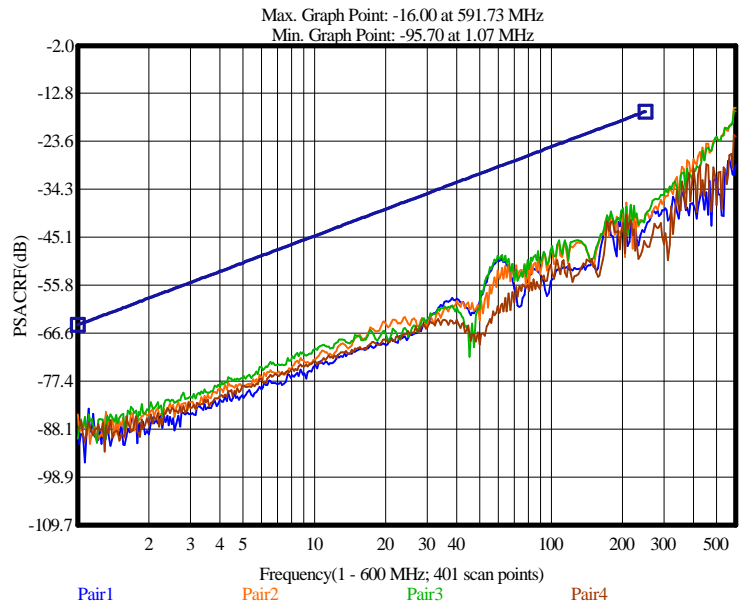
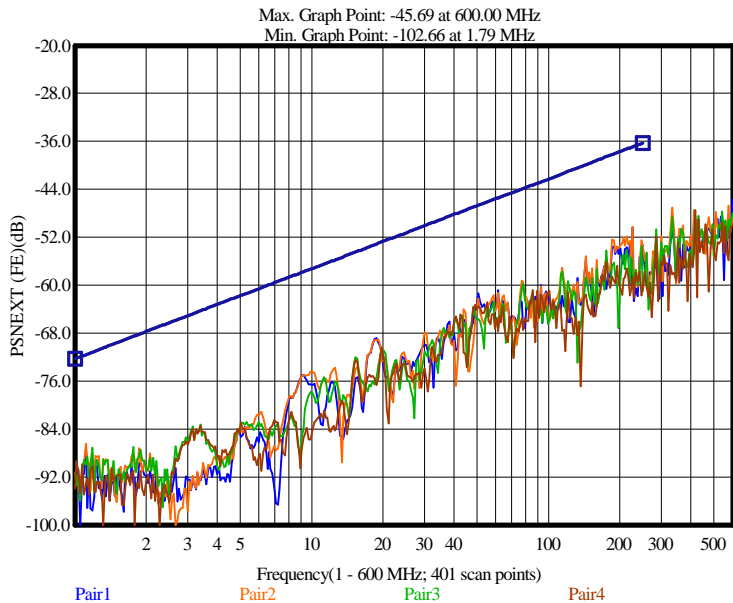
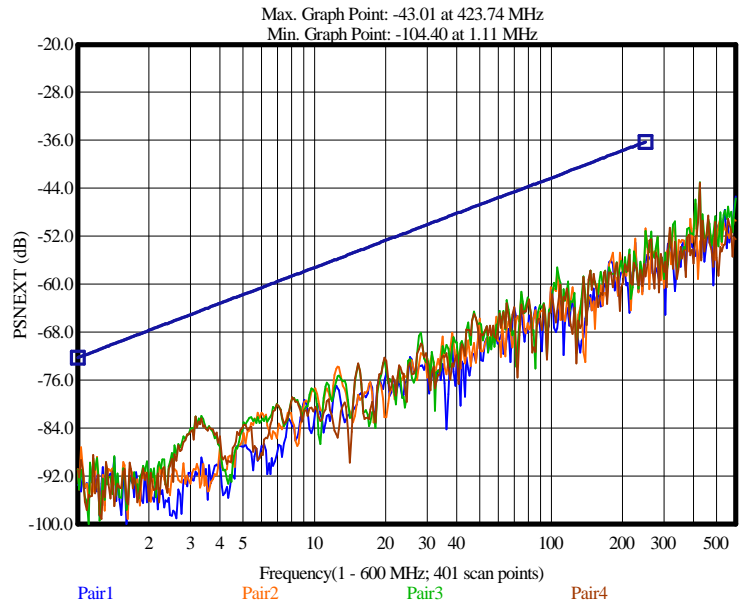
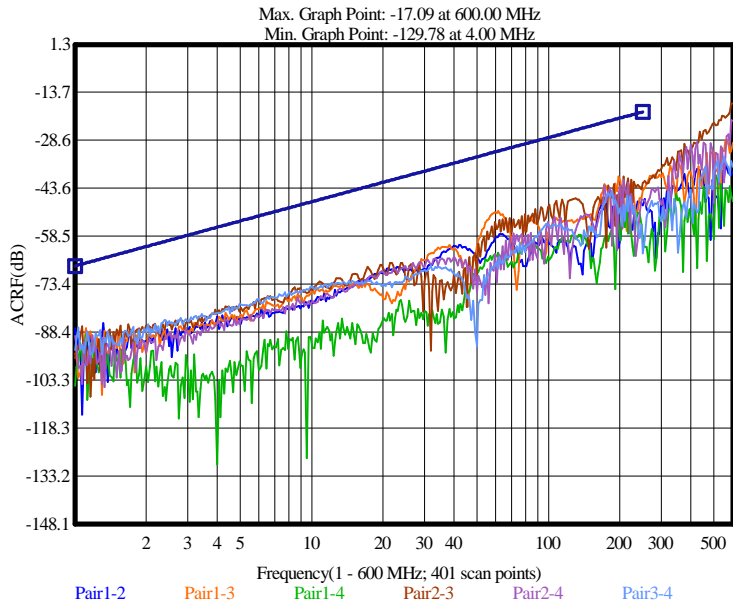
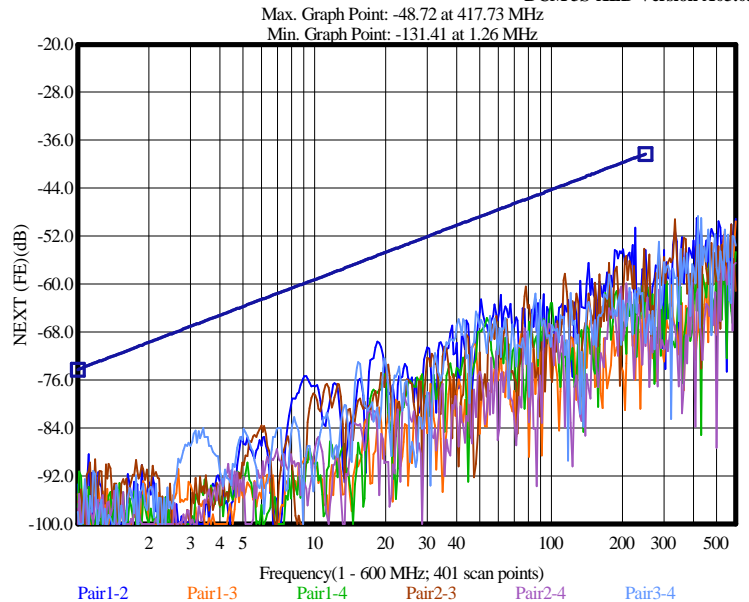
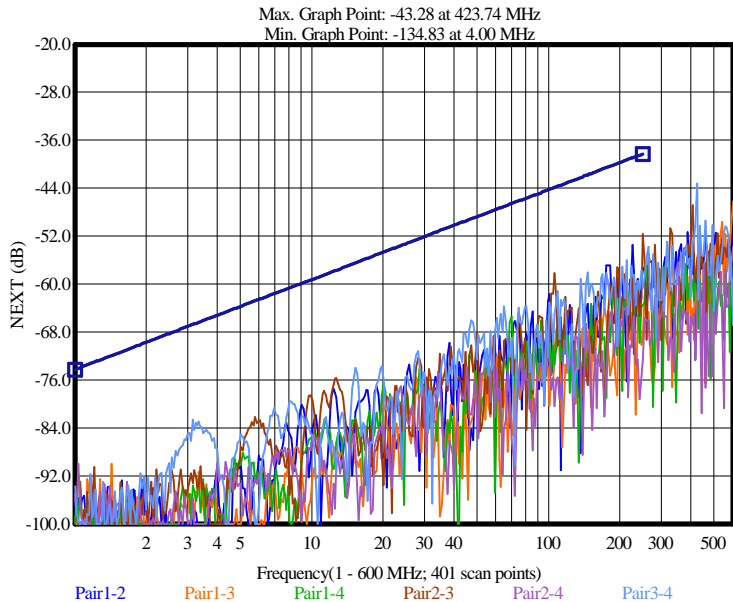
Test Type	Specification	Measured (Pair)	Margin	@ Frequency (MHz)	Test Result
Input Impedance (Zin)(Terminated)	85.00 (Min)	93.21 (Pair 4)	8.21	56.89	Passed
Input Impedance (Zin)(Terminated)	115.00 (Max)	107.11 (Pair 4)	7.89	4.67	Passed
Return Loss (RL)	24.73 (Min)	29.69 (Pair 4)	4.96	21.81	Passed
Return Loss (RL-Far End)	21.74 (Min)	26.18 (Pair 2)	4.44	57.77	Passed
Insertion Loss (IL)@20C	2.04 (Max)	1.80 (Pair 3)	0.24	1.02	Passed
Near End Crosstalk Loss (NEXT)	43.90 (Min)	58.18 (Pairs 2-3)	14.28	106.18	Passed
Near End Crosstalk Loss (NEXT-Far End)	38.91 (Min)	50.62 (Pairs 1-2)	11.71	226.67	Passed
ACR to FEXT Ratio (ACRF)	21.78 (Min)	39.91 (Pairs 1-3)	18.13	198.14	Passed
Power Sum NEXT(PSNEXT)	72.06 (Min)	87.19 (Pair 2)	15.13	1.04	Passed
Power Sum NEXT(PSNEXT_Far End)	36.91 (Min)	50.26 (Pair 2)	13.35	226.67	Passed
Power Sum ACRF (PSACRF)	18.45 (Min)	37.27 (Pair 2)	18.82	207.65	Passed
Propagation Delay (DELAY)	536.04 (Max)	494.39 (Pair 1)	41.65	243.89	Passed
Propagation Delay Skew (SKEW)	45.00 (Max)	24.85 (Pairs 1-4)	20.15	1.67	Passed



N/A = Not Applicable.
 --- = Disable/Bypassed Pair.

* = Measured value out of spec.
 xxx = No entry.

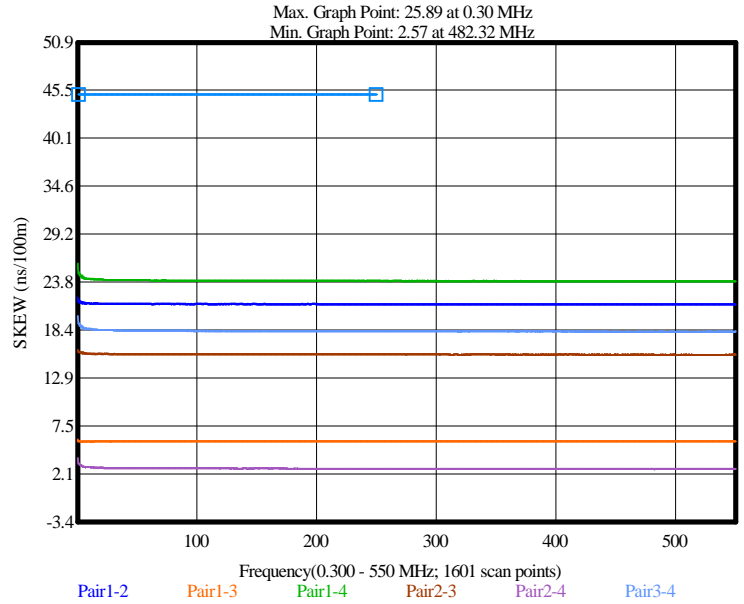
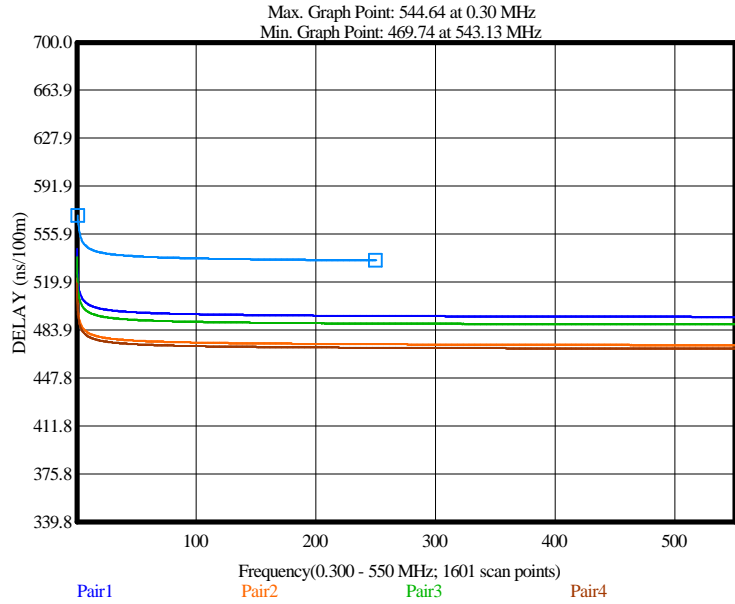
*** = Measured value is invalid.



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Worst Case Summary

Low Frequency

Statistical Parameter	Maximum		Minimum		Average Maximum		Standard Deviation		Result
	Spec Limit	Measured	Spec Limit	Measured	Spec Limit	Measured	Spec Limit	Measured	
Conductor Resistance(Ohms/100.0 m)@20C	9.38	7.45	xxx	7.15	xxx	7.30	xxx	0.117	Passed
Resistance Unbalance(%)	5.00	0.31	xxx	0.09	xxx	0.16	xxx	0.089	Passed
Mutual Capacitance(nF/100.0 m)@1000Hz	5.60	4.95	xxx	4.82	xxx	4.91	xxx	0.048	Passed
Cap. Unbalance to Ground(pF/100.0 m)@1000Hz	330.00	13.75	xxx	8.55	xxx	10.73	xxx	1.916	Passed

Detail: Resistance/Capacitance Measurement -Normalized

Test Types	Conductor Resistance Ra @20C	Conductor Resistance Rb @20C	Resistance Unbalance	Mutual Capacitance @1000 Hz	Capacitance Unbalance to Ground @1000 Hz	Test Result
Unit	Ohms/100.0 m	Ohms/100.0 m	%	nF/100.0 m	pF/100.0 m	
Max Spec	9.38	9.38	5.00	5.60	330.00	
Min Spec	xxx	xxx	xxx	xxx	xxx	
Pair 1 [1]	7.45	7.43	0.31	4.93	13.75	Passed
Pair 2 [2]	7.15	7.15	0.09	4.95	-10.81	Passed
Pair 3 [3]	7.38	7.37	0.09	4.93	-9.82	Passed
Pair 4 [4]	7.21	7.22	0.15	4.82	8.55	Passed

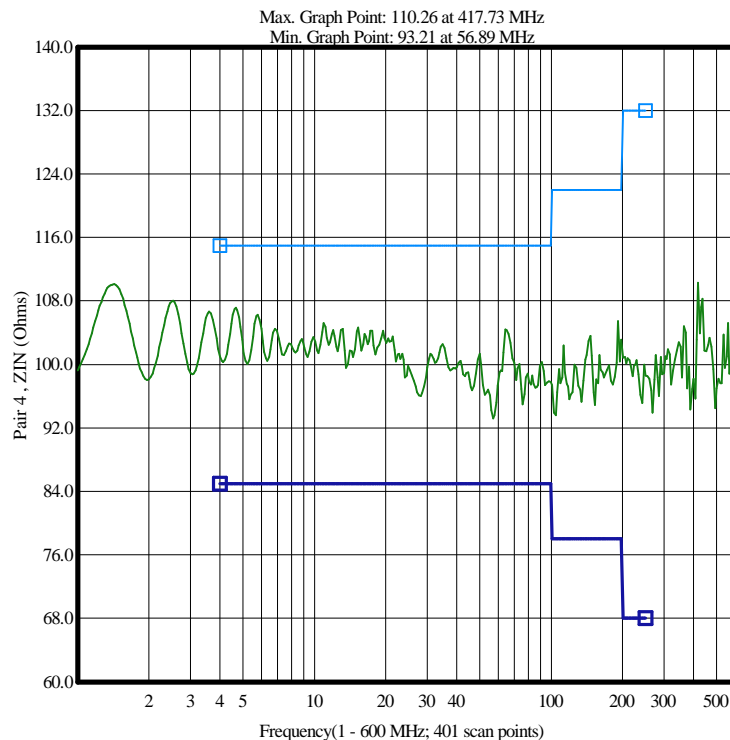
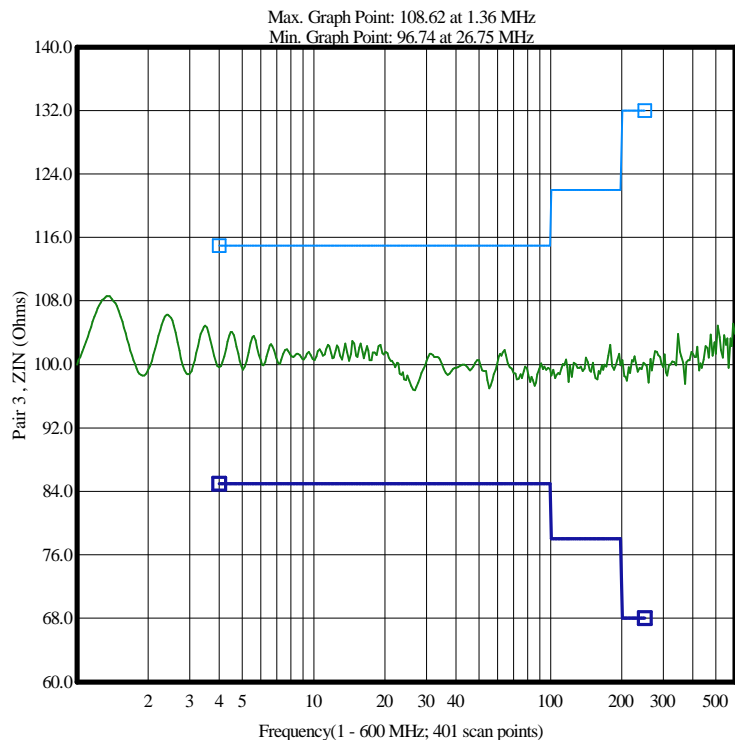
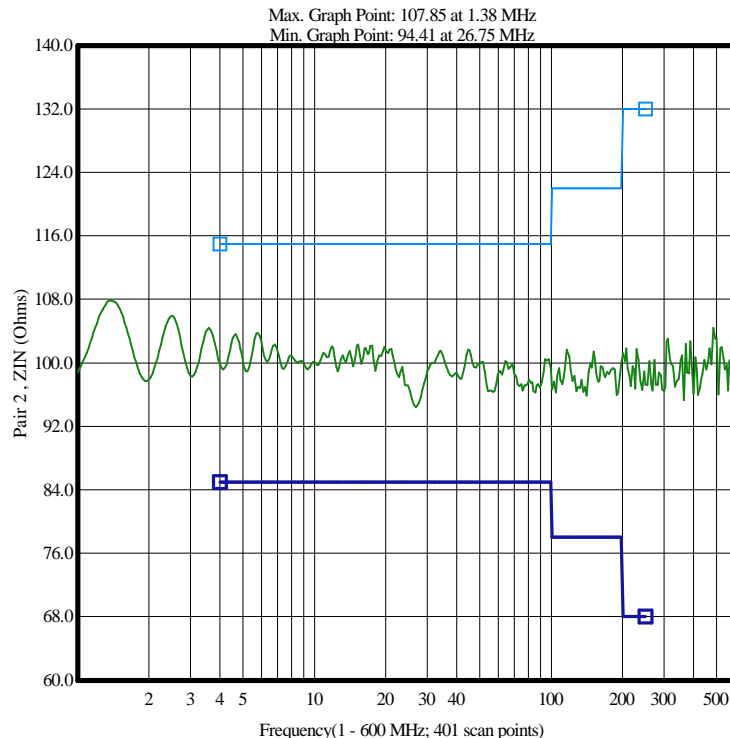
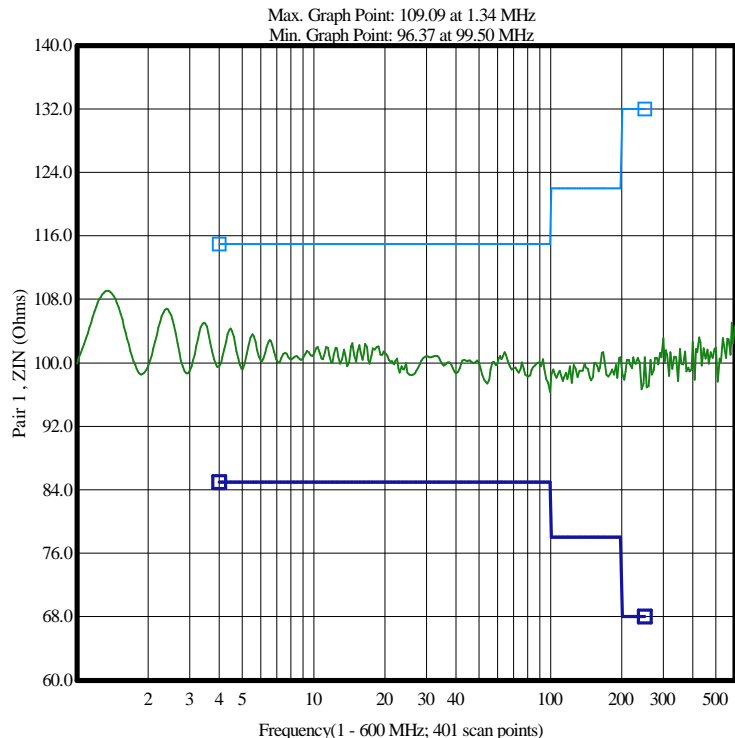
N/A = Not Applicable.
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Summary and Graphic: Input Impedance (Zin)(Terminated)

Pair	Specification		Measured(Ohms)		Margin (Ohms)		@ Frequency (MHz)		Test Result
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	
Pair 1 [1]	85.00	115.00	96.37	104.28	11.37	10.72	99.50	4.47	Passed
Pair 2 [2]	85.00	115.00	94.41	103.77	9.41	11.23	26.75	5.78	Passed
Pair 3 [3]	85.00	115.00	96.74	104.09	11.74	10.91	26.75	4.47	Passed
Pair 4 [4]	85.00	115.00	93.21	107.11	8.21	7.89	56.89	4.67	Passed



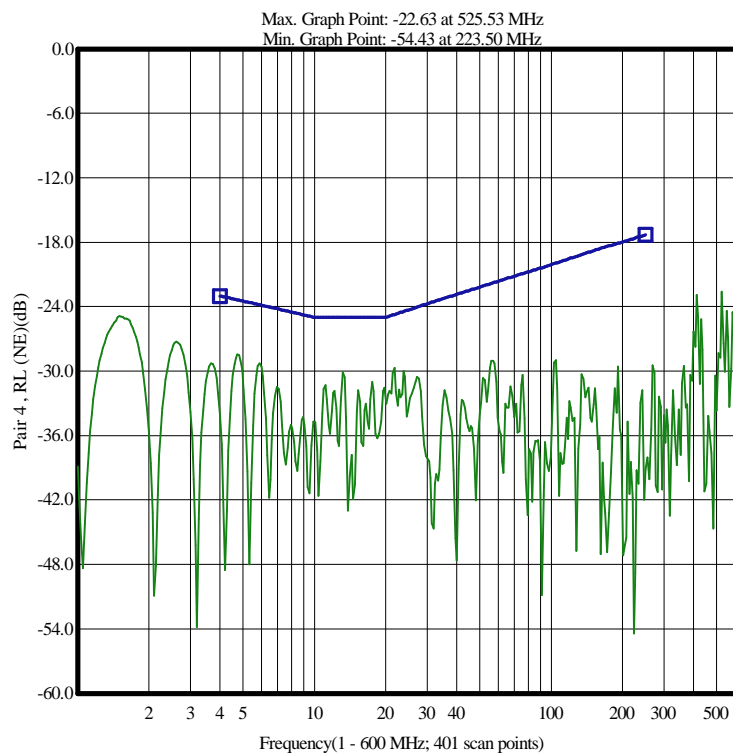
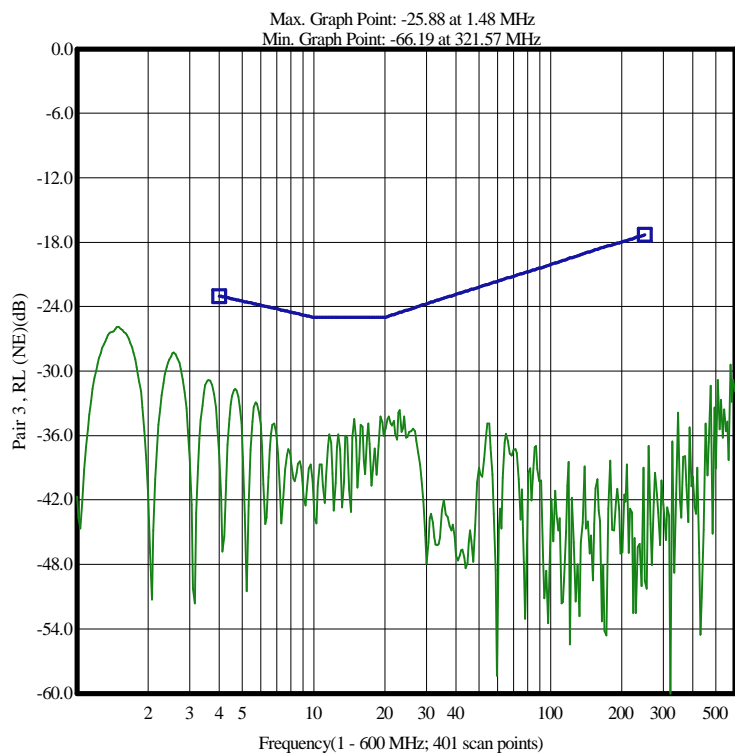
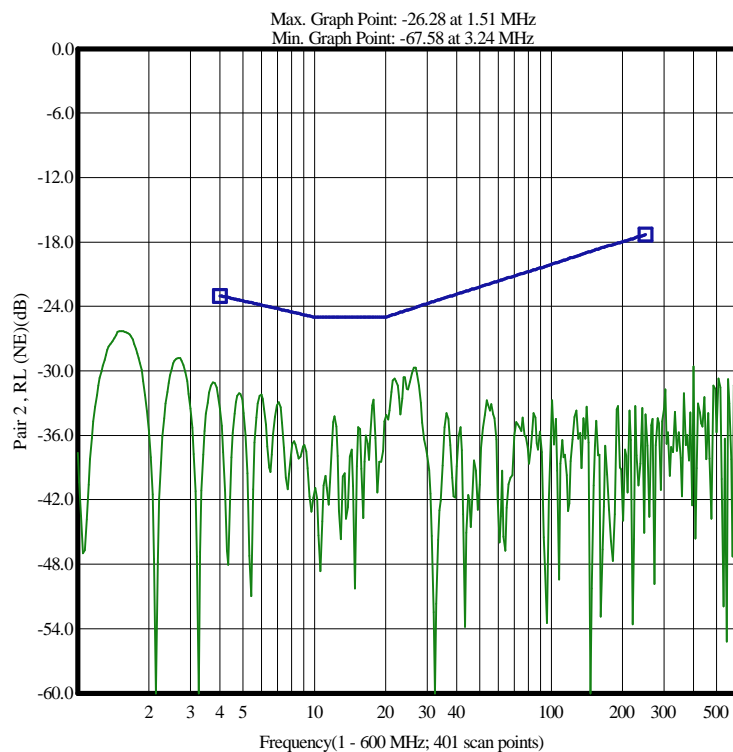
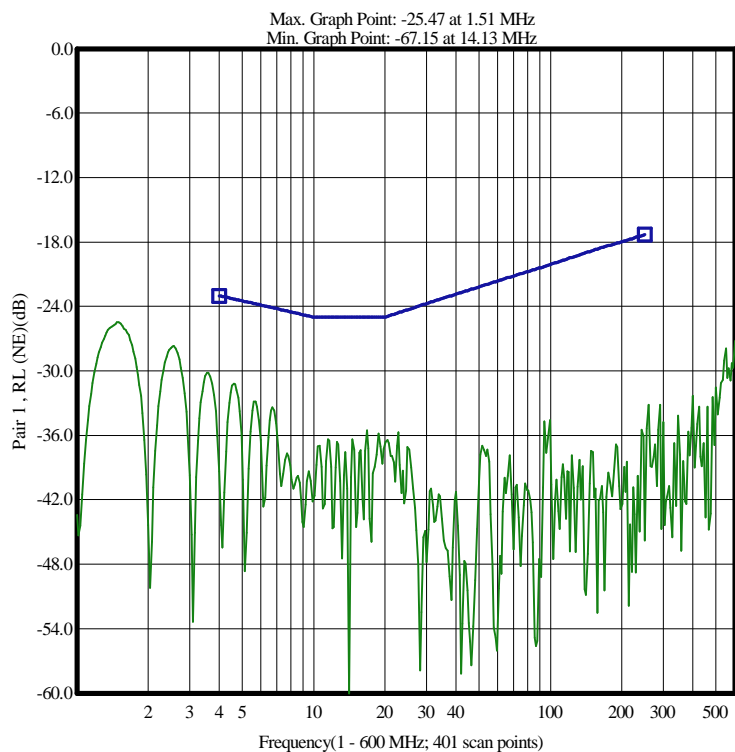
N/A = Not Applicable.
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Summary and Graphic: Return Loss (RL)

Pair	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 [1]	23.30	31.17	7.87	4.60	Passed
Pair 2 [2]	24.14	29.73	5.59	26.29	Passed
Pair 3 [3]	23.33	31.66	8.33	4.67	Passed
Pair 4 [4]	24.73	29.69	4.96	21.81	Passed



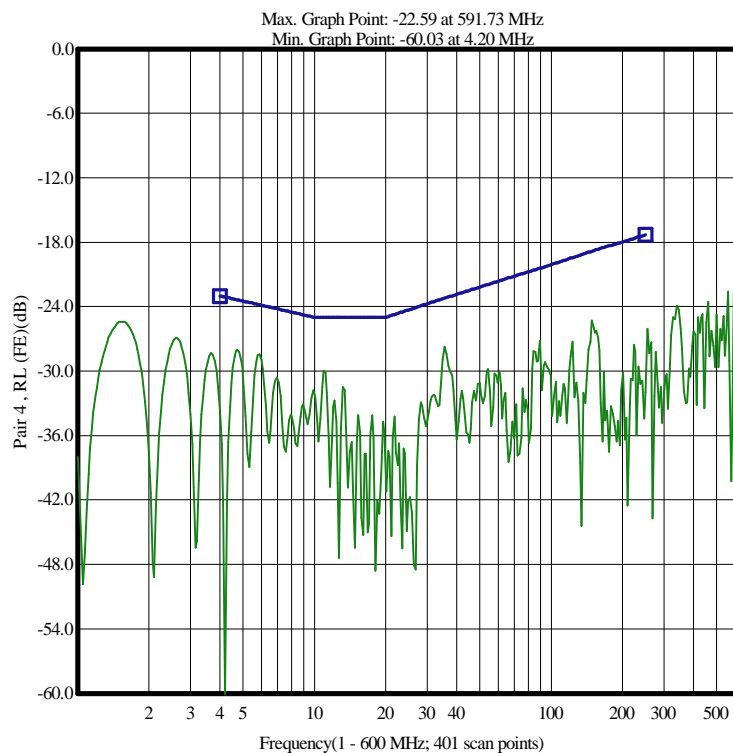
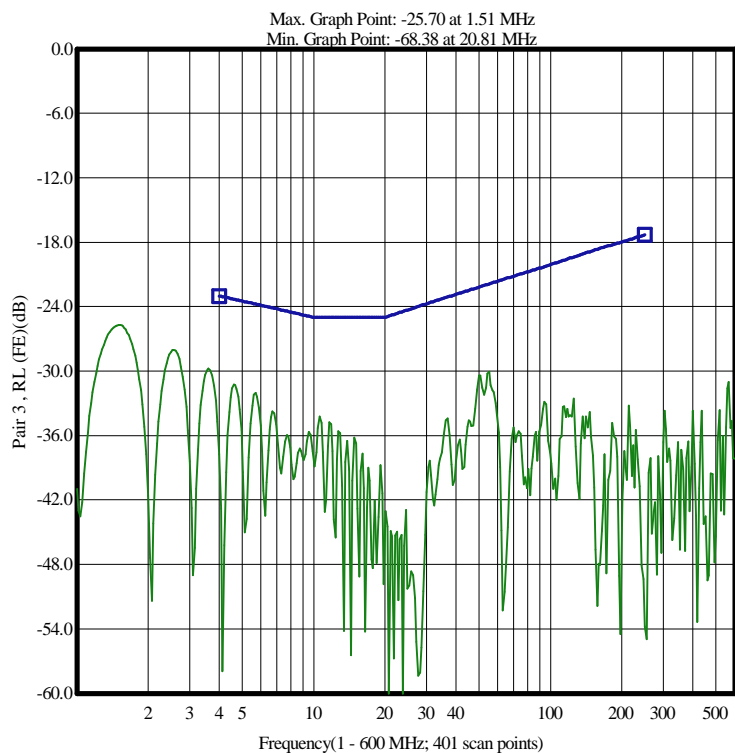
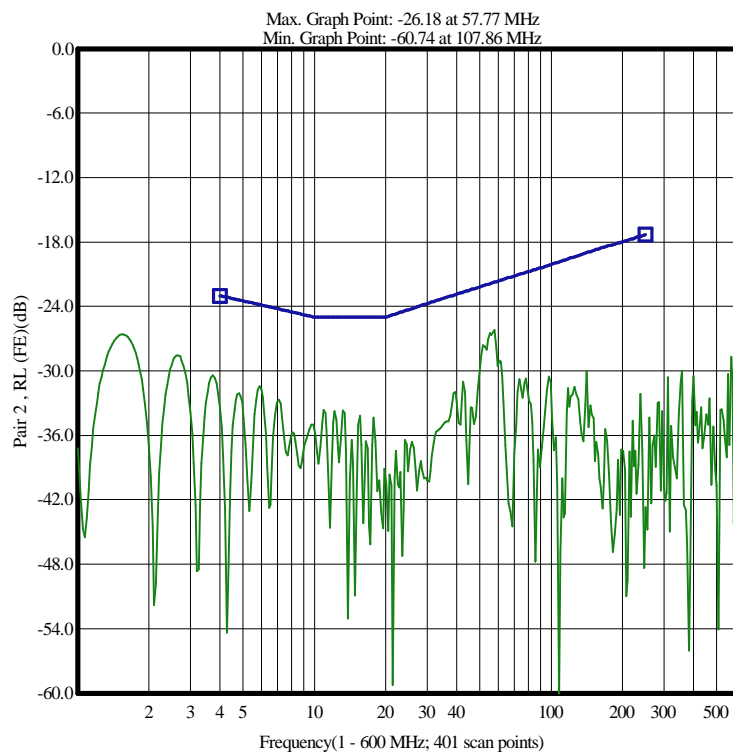
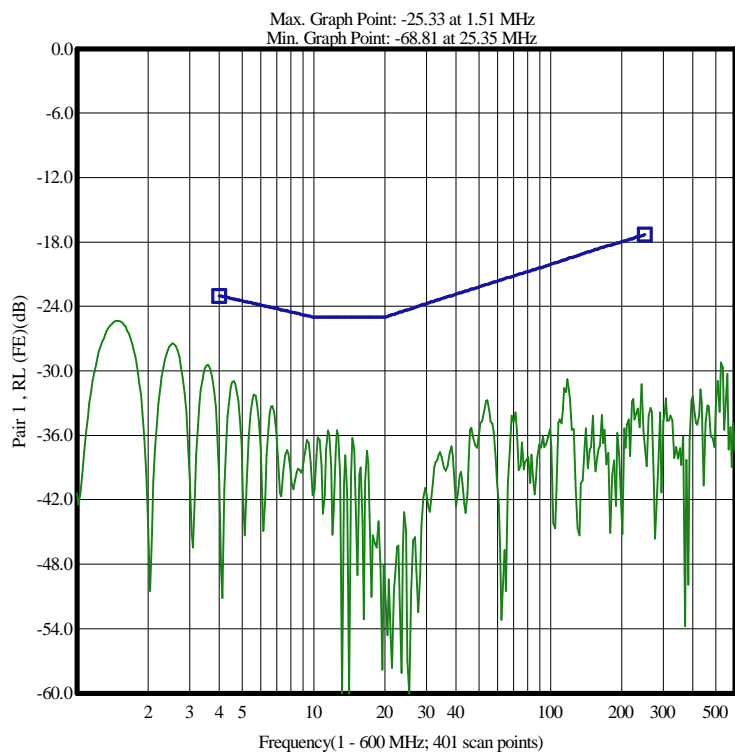
N/A = Not Applicable.
--- = Disable/Bypassed Pair.

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Summary and Graphic: Return Loss (RL_FE)

Pair	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 [1]	23.30	30.94	7.64	4.60	Passed
Pair 2 [2]	21.74	26.18	4.44	57.77	Passed
Pair 3 [3]	23.30	31.23	7.93	4.60	Passed
Pair 4 [4]	23.21	27.76	4.55	35.55	Passed



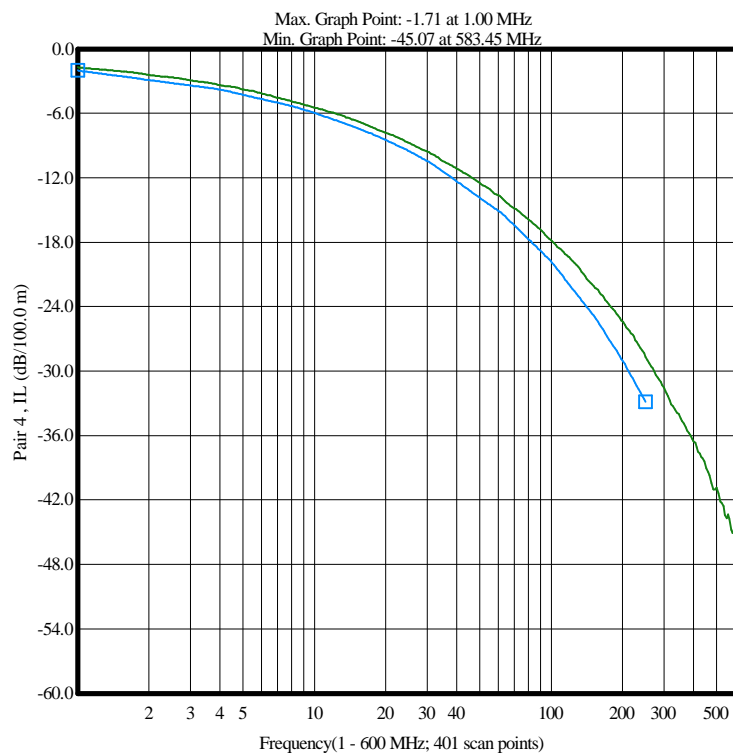
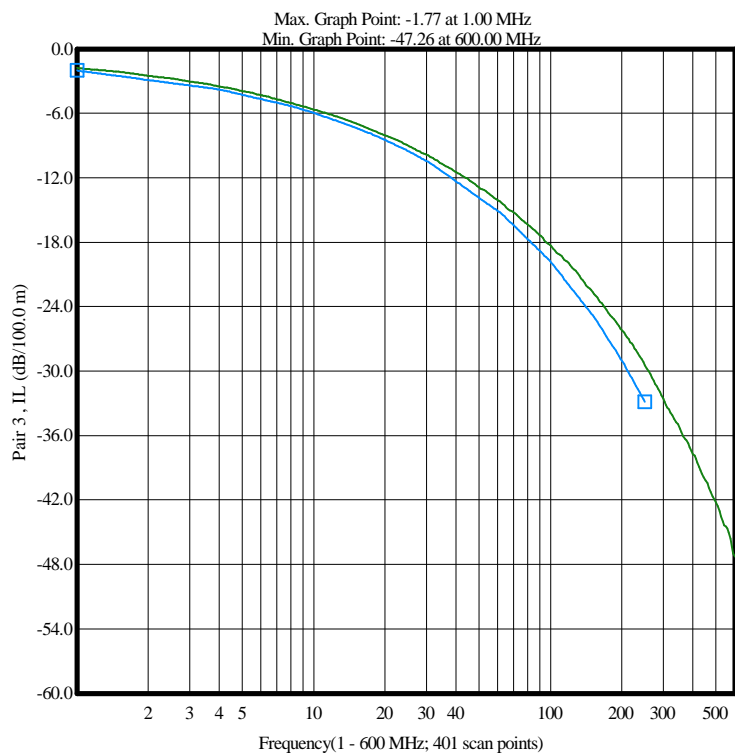
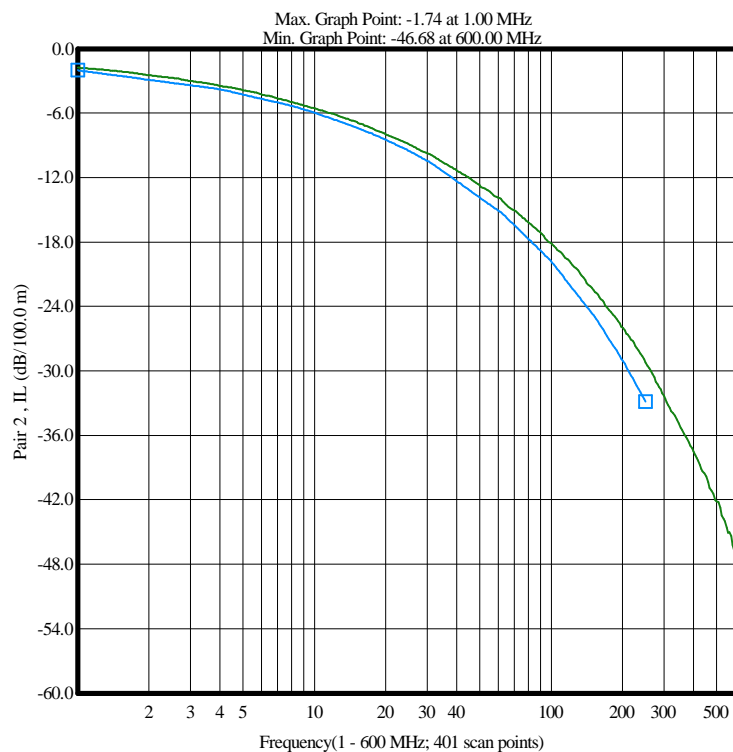
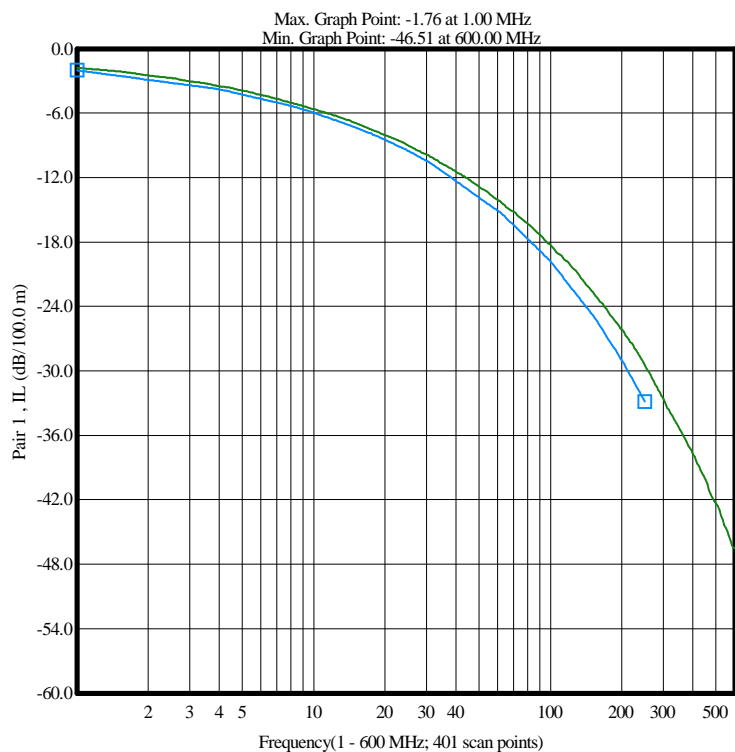
N/A = Not Applicable.
--- = Disable/Bypassed Pair.

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Summary and Graphic: Insertion Loss (IL)@20C

Pair	Spec (Max)(dB/100.0 m)	Measured(dB/100.0 m)	Margin (dB/100.0 m)	@ Frequency (MHz)	Test Result
Pair 1 [1]	2.04	1.79	0.25	1.02	Passed
Pair 2 [2]	2.04	1.77	0.27	1.02	Passed
Pair 3 [3]	2.04	1.80	0.24	1.02	Passed
Pair 4 [4]	2.04	1.74	0.30	1.02	Passed



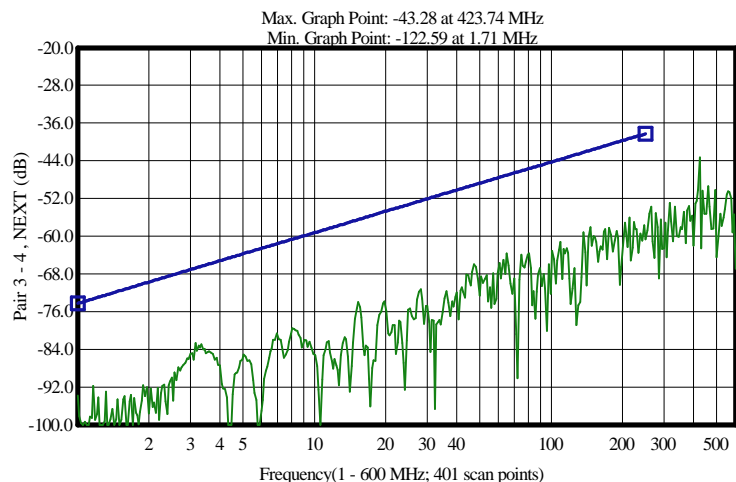
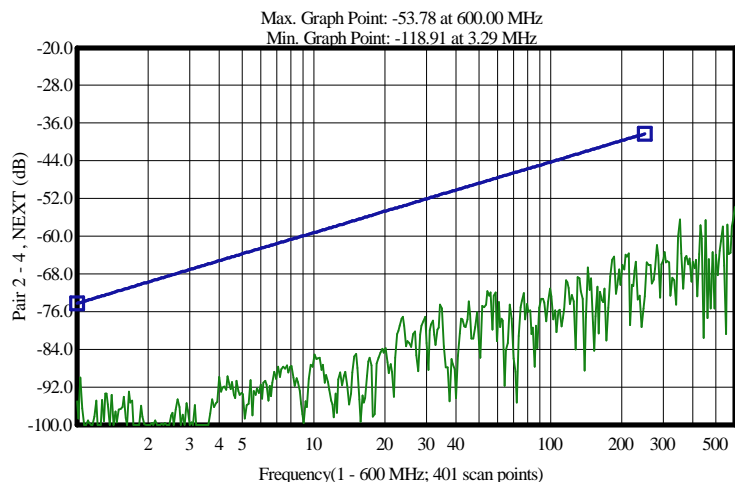
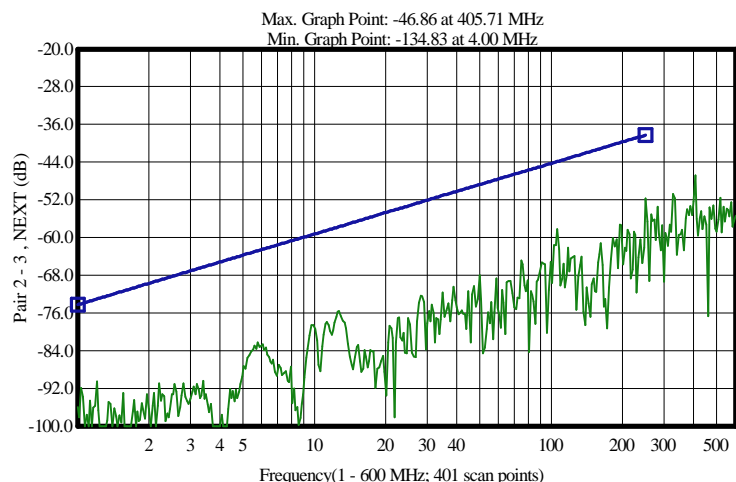
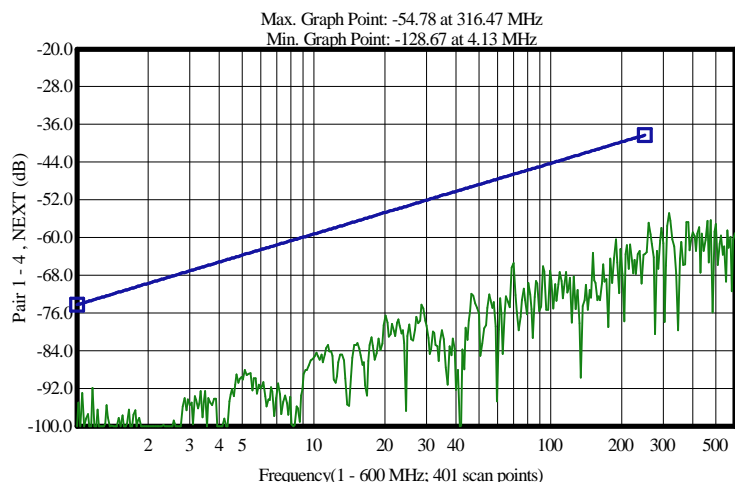
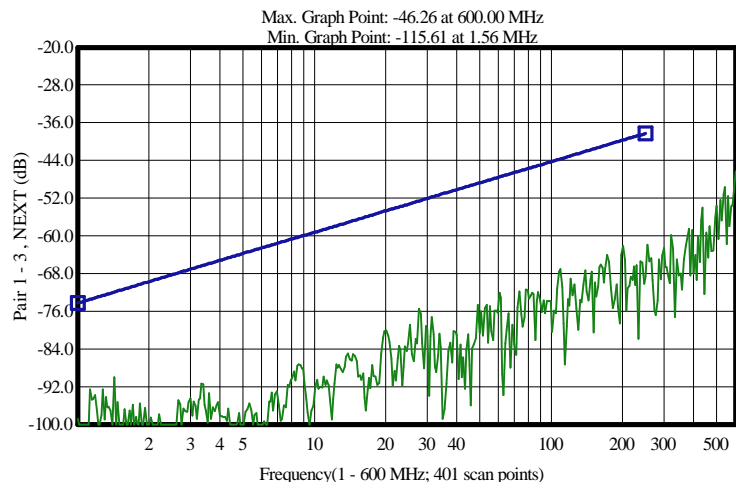
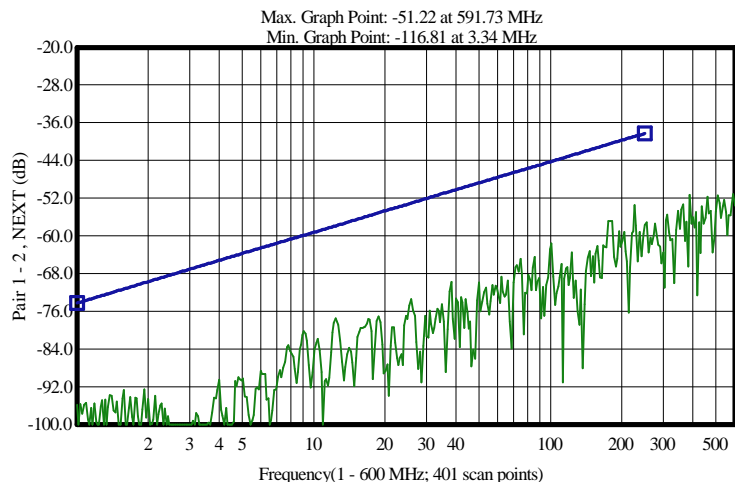
N/A = Not Applicable.
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Summary and Graphic: Near End Crosstalk Loss (NEXT)

Pair	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 - 2	38.91	53.48	14.57	226.67	Passed
Pair 1 - 3	71.96	90.04	18.08	1.43	Passed
Pair 1 - 4	73.28	91.90	18.62	1.17	Passed
Pair 2 - 3	43.90	58.18	14.28	106.18	Passed
Pair 2 - 4	74.06	90.02	15.96	1.04	Passed
Pair 3 - 4	66.77	82.68	15.91	3.15	Passed



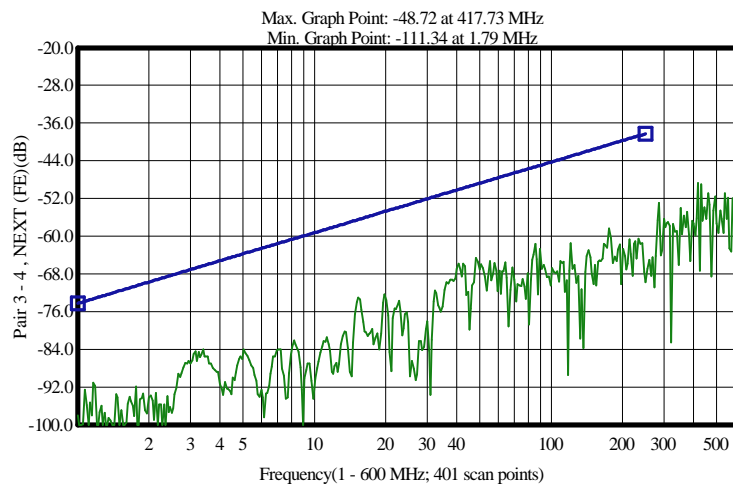
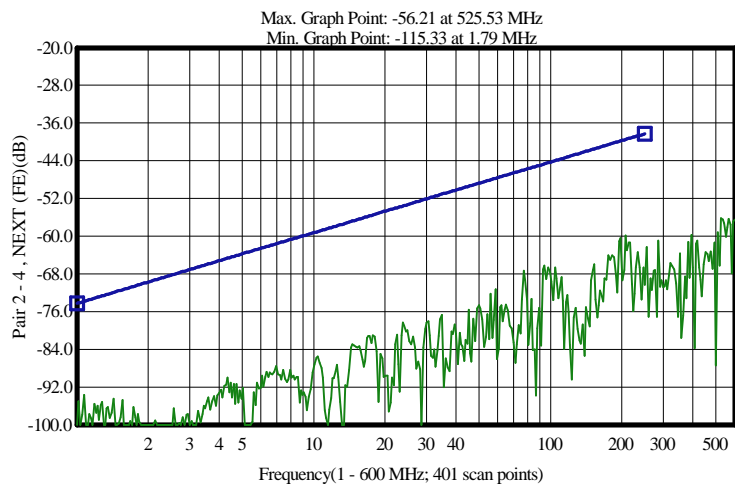
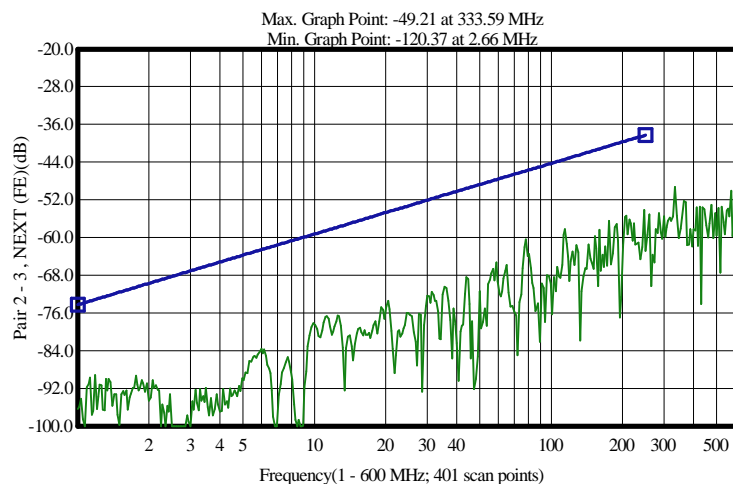
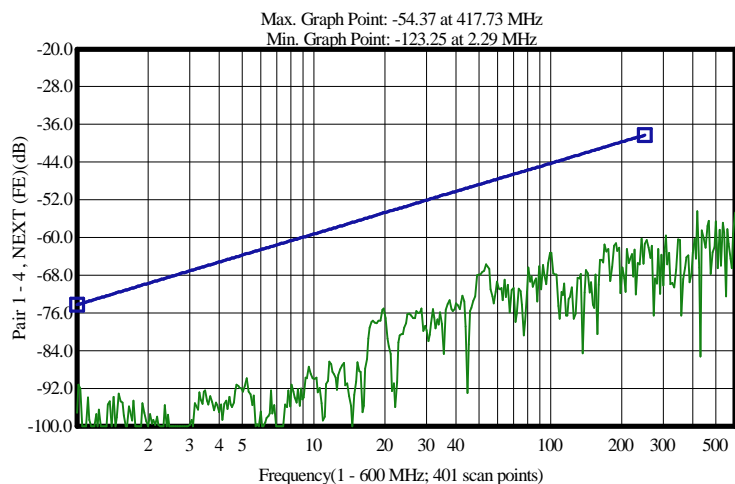
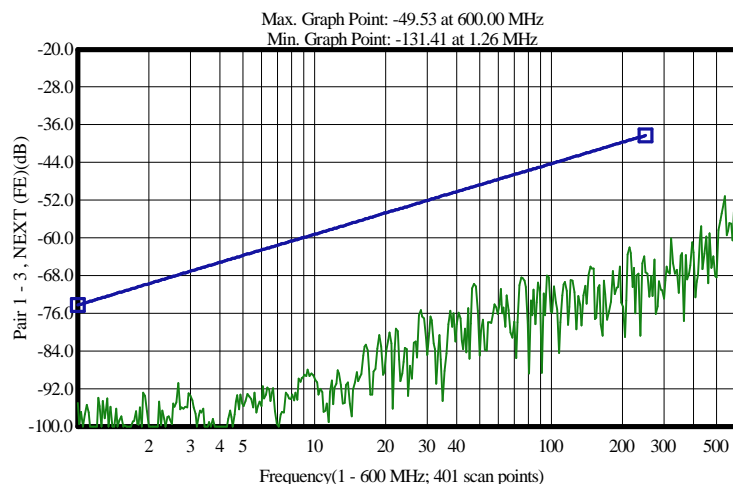
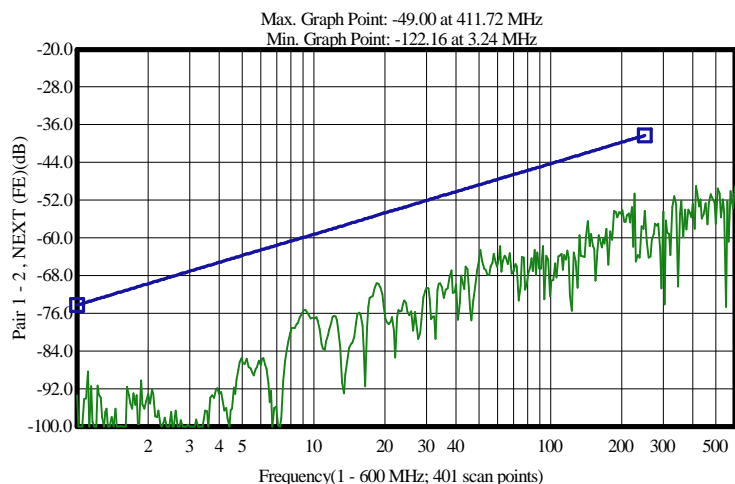
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Summary and Graphic: Near End Crosstalk Loss (NEXT-Far End)

Pair	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 - 2	38.91	50.62	11.71	226.67	Passed
Pair 1 - 3	74.30	95.02	20.72	1.00	Passed
Pair 1 - 4	74.18	91.29	17.11	1.02	Passed
Pair 2 - 3	45.86	60.42	14.56	78.33	Passed
Pair 2 - 4	73.83	93.68	19.85	1.07	Passed
Pair 3 - 4	49.00	64.65	15.65	48.07	Passed



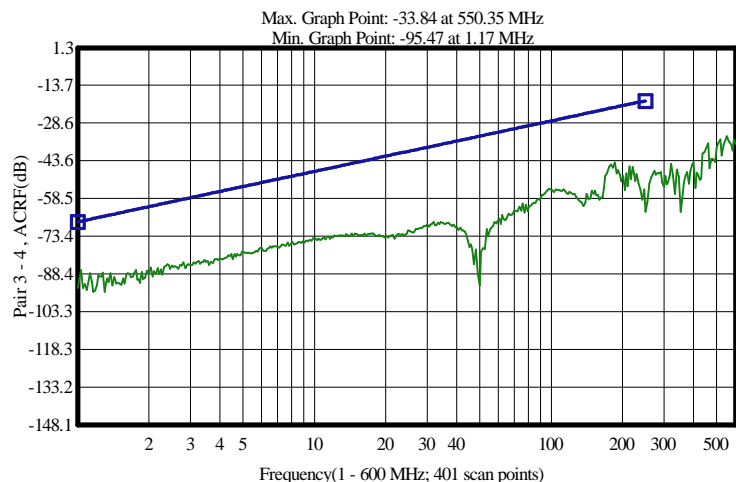
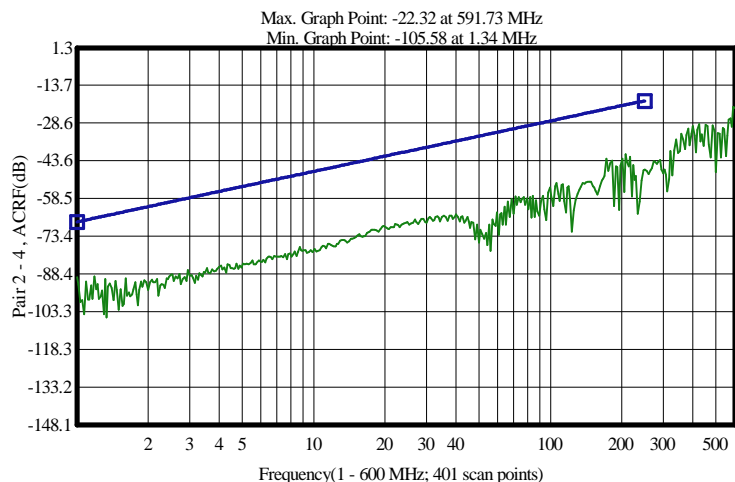
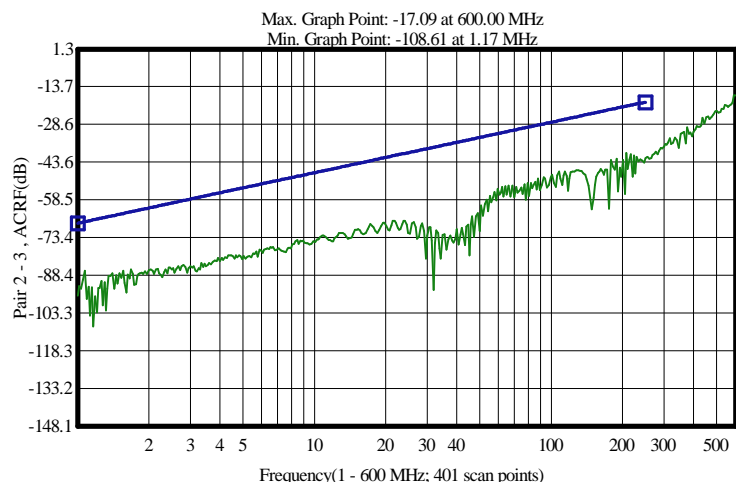
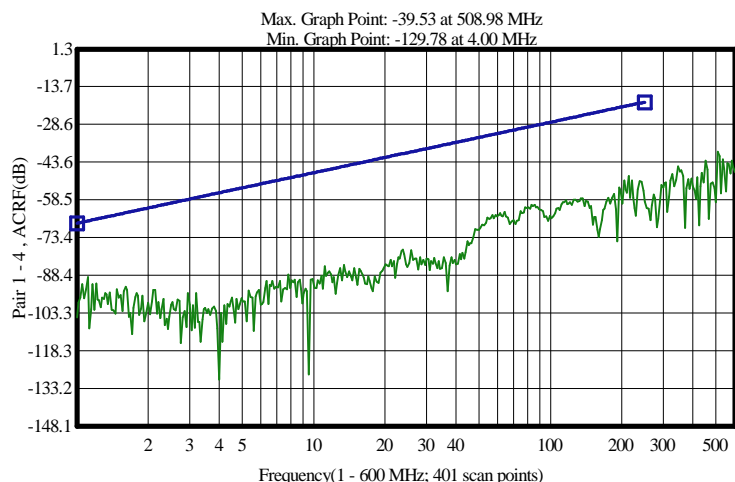
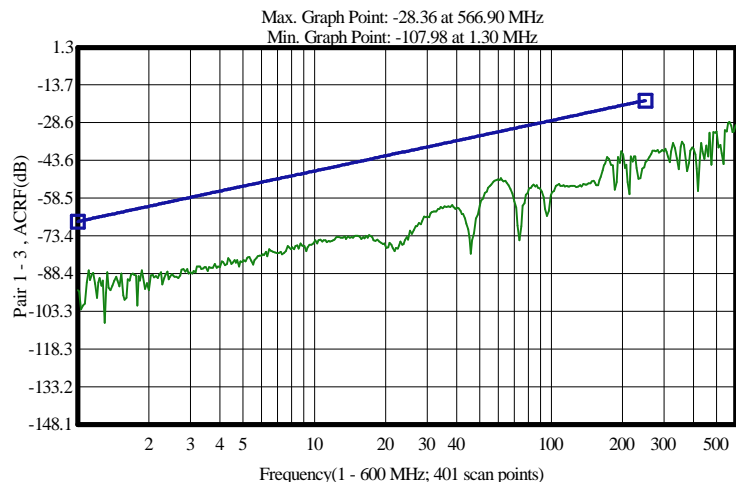
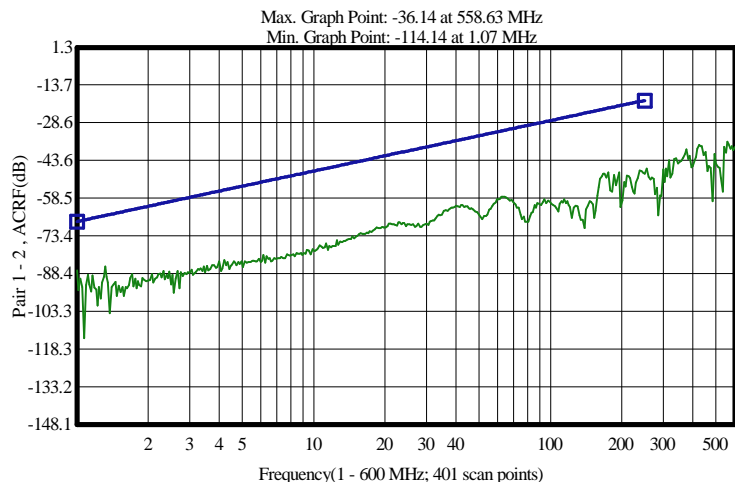
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Summary and Graphic: ACR to FEXT Ratio (ACRF)

Pair	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 - 2	67.80	87.14	19.34	1.00	Passed
Pair 1 - 3	21.78	39.91	18.13	198.14	Passed
Pair 1 - 4	66.87	89.16	22.29	1.11	Passed
Pair 2 - 3	21.38	39.94	18.56	207.65	Passed
Pair 2 - 4	21.38	40.87	19.49	207.65	Passed
Pair 3 - 4	67.48	86.94	19.46	1.04	Passed



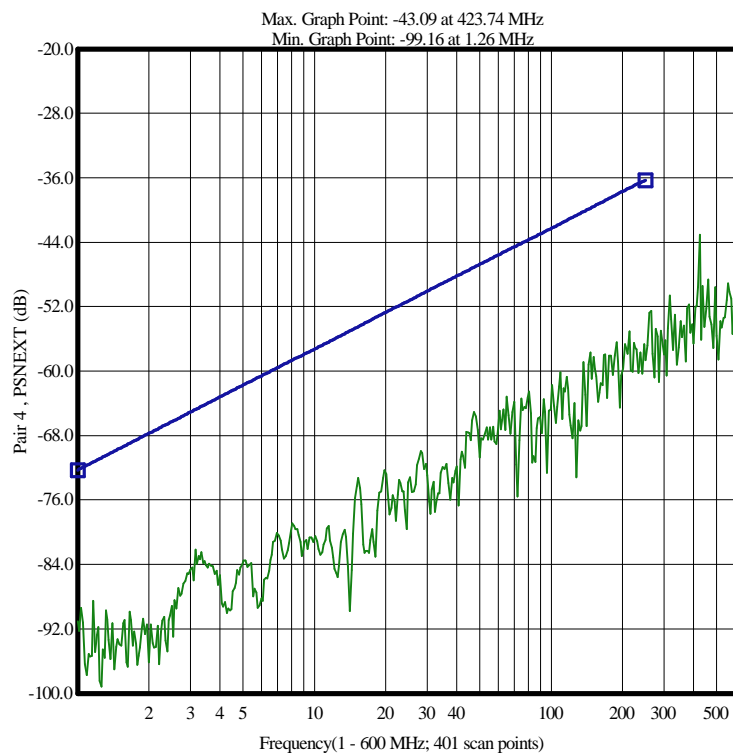
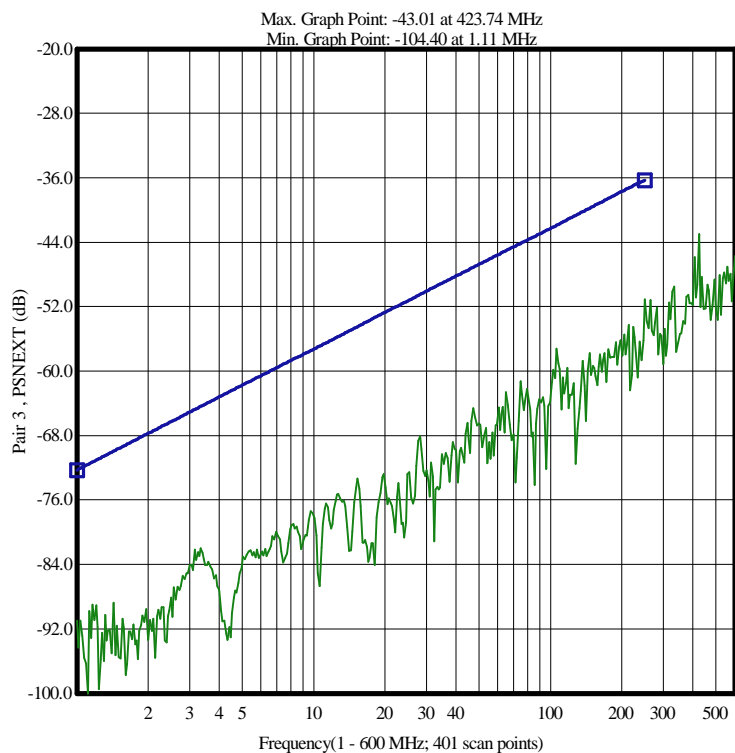
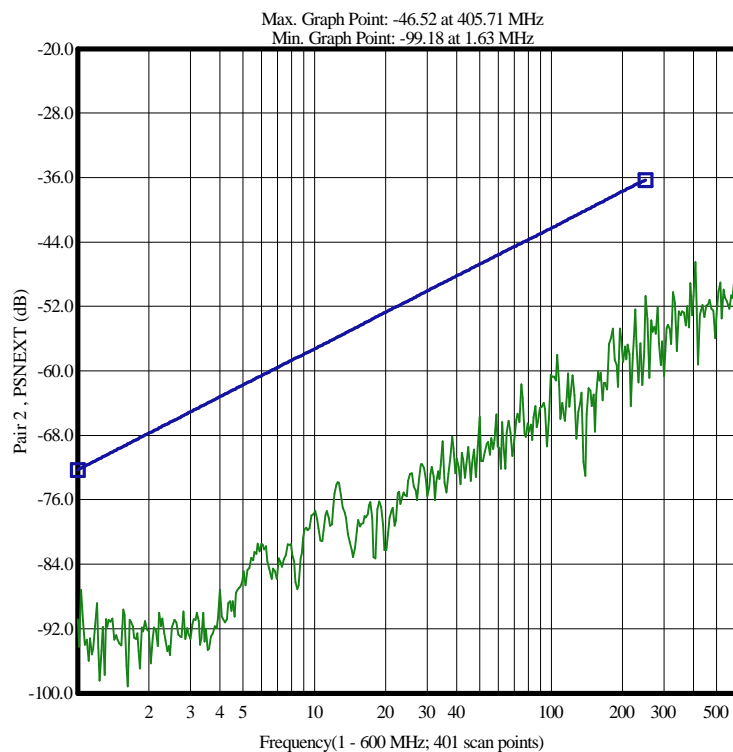
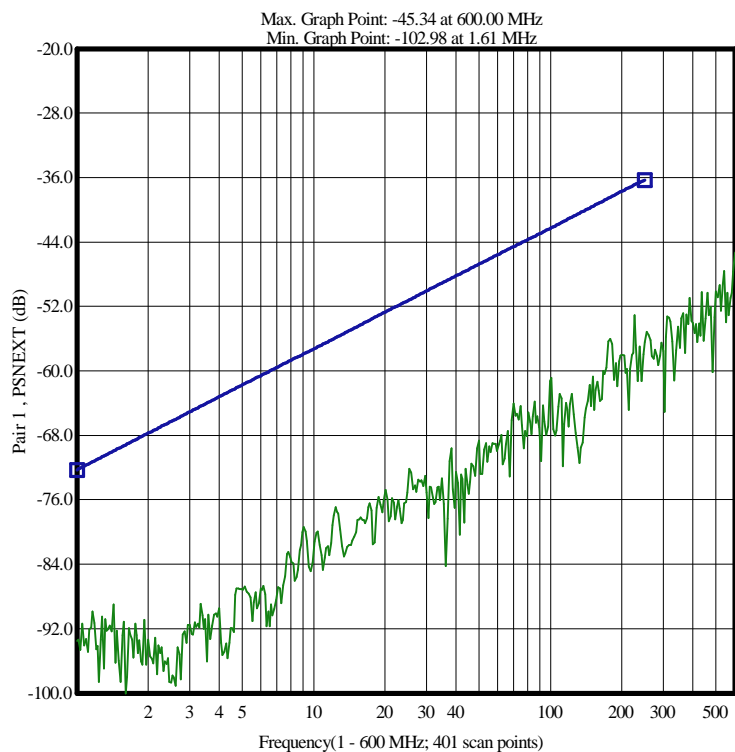
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Summary and Graphic: Power Sum NEXT(PSNEXT)

Pair	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 [1]	36.91	53.09	16.18	226.67	Passed
Pair 2 [2]	72.06	87.19	15.13	1.04	Passed
Pair 3 [3]	41.90	57.21	15.31	106.18	Passed
Pair 4 [4]	71.28	88.53	17.25	1.17	Passed



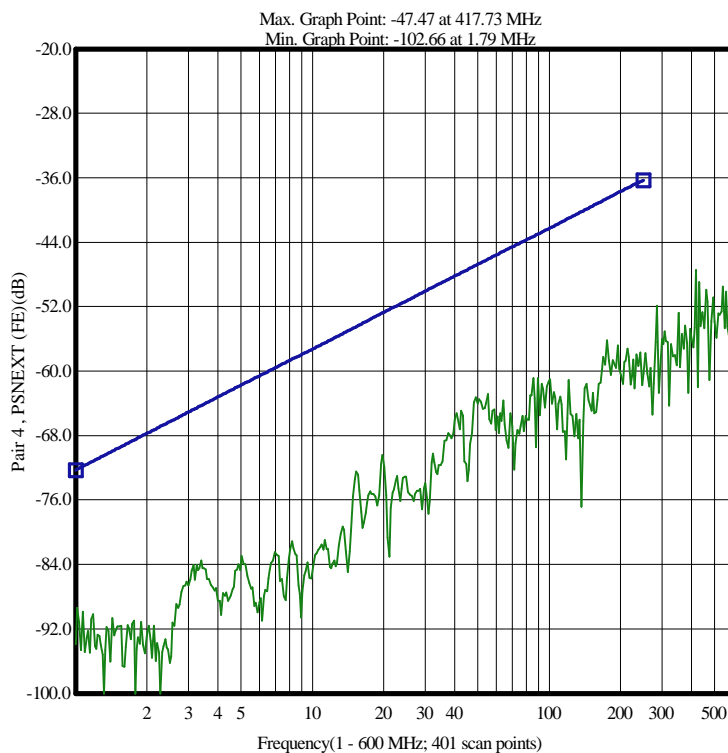
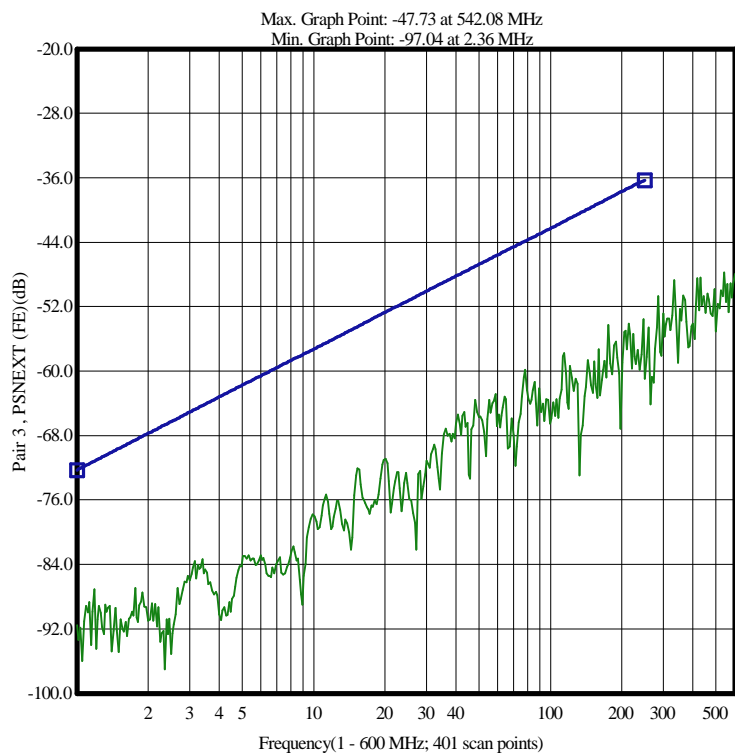
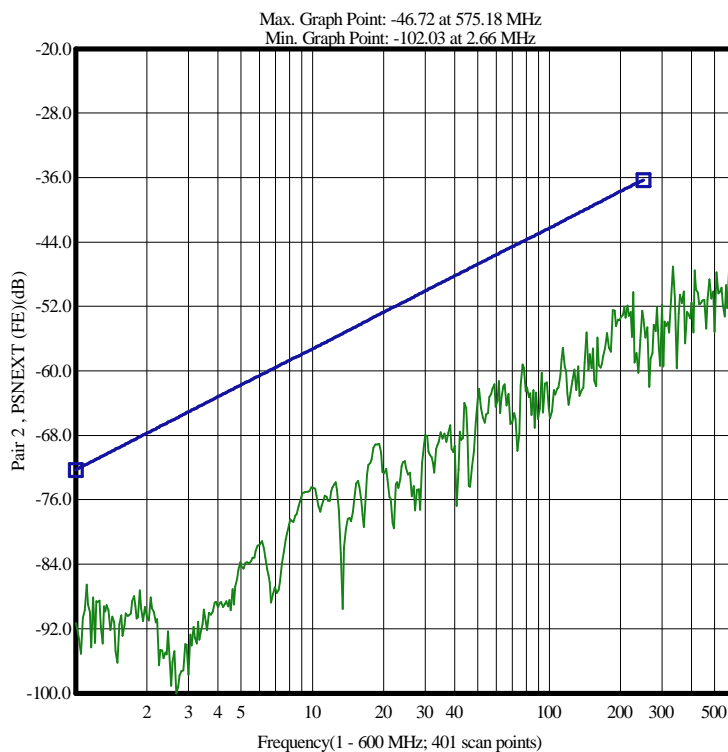
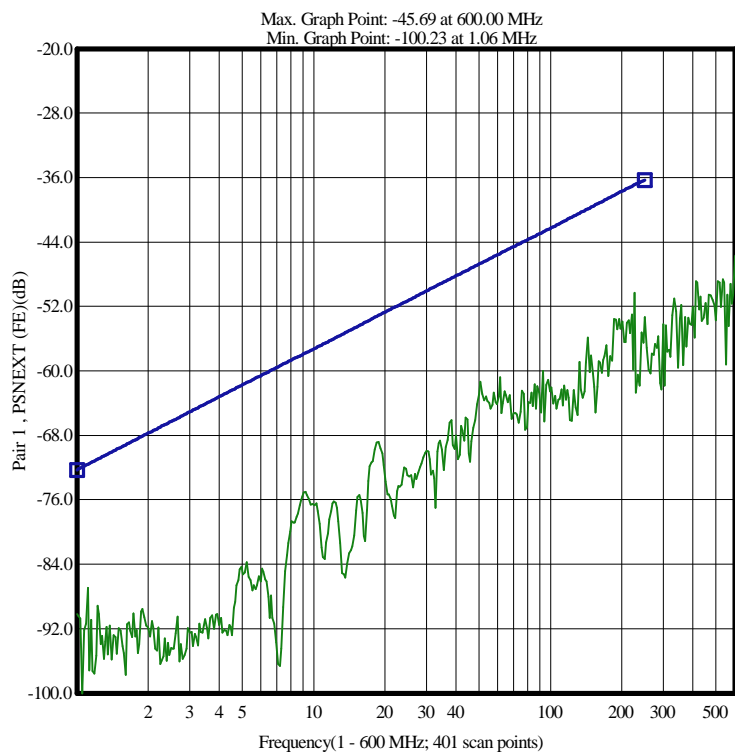
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Summary and Graphic: Power Sum NEXT(PSNEXT_Far End)

Pair	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 [1]	36.91	50.34	13.43	226.67	Passed
Pair 2 [2]	36.91	50.26	13.35	226.67	Passed
Pair 3 [3]	38.55	54.27	15.72	175.96	Passed
Pair 4 [4]	46.89	63.28	16.39	48.95	Passed



N/A = Not Applicable.
--- = Disable/Bypassed Pair.

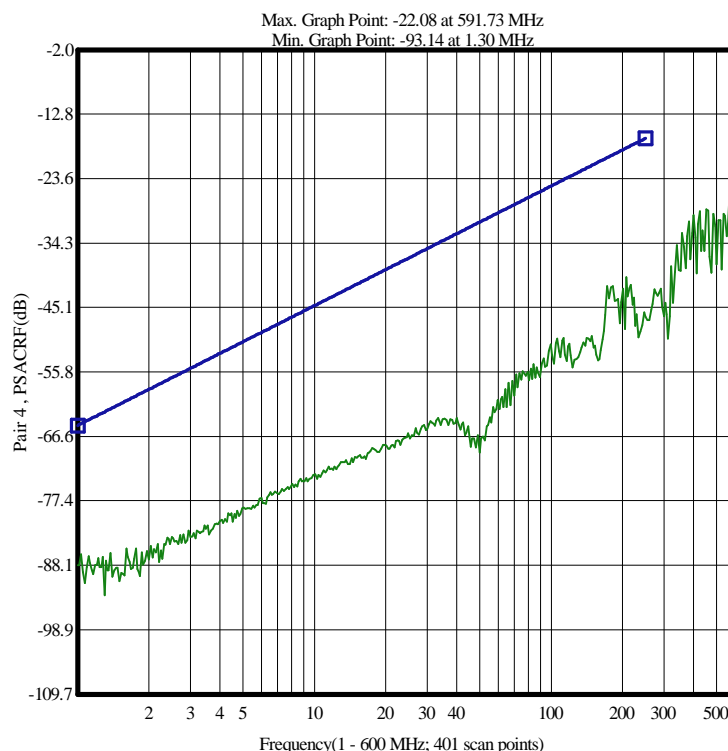
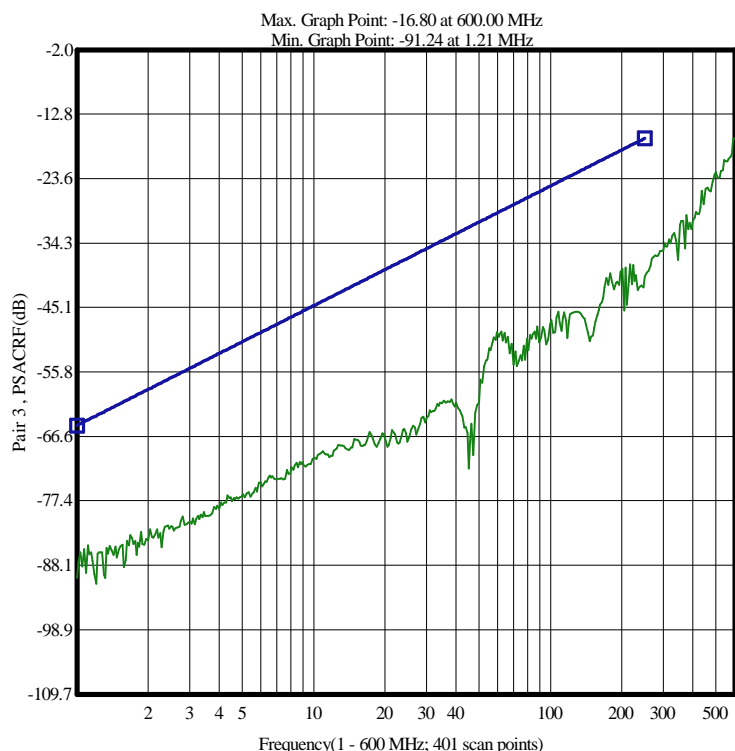
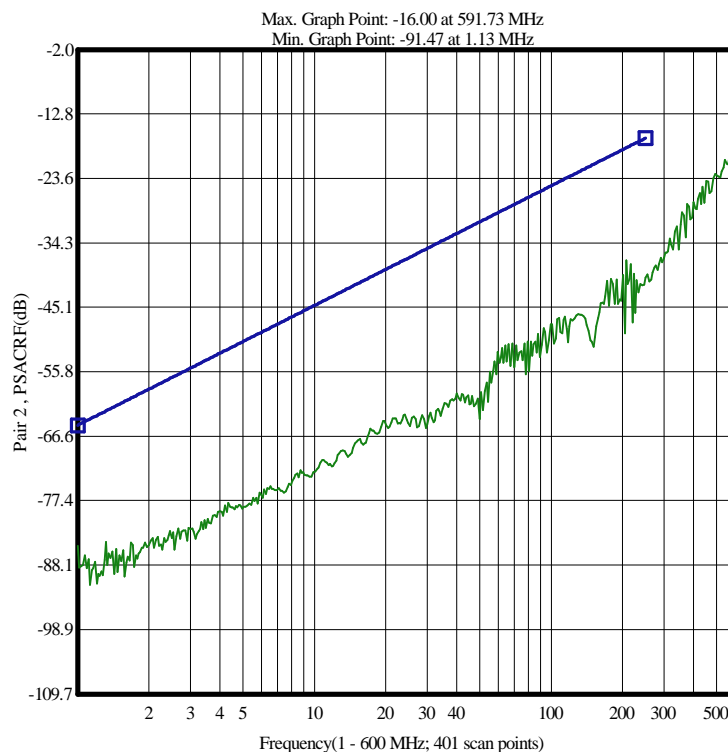
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Summary and Graphic: Power Sum ACRF (PSACRF)

(Cat 6): PSACRF >= 24.8 - 20 * Log(f/100) (Refer to manual)

Pair	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 [1]	63.88	83.54	19.66	1.11	Passed
Pair 2 [2]	18.45	37.27	18.82	207.65	Passed
Pair 3 [3]	19.74	39.39	19.65	179.13	Passed
Pair 4 [4]	20.05	41.55	21.50	172.79	Passed



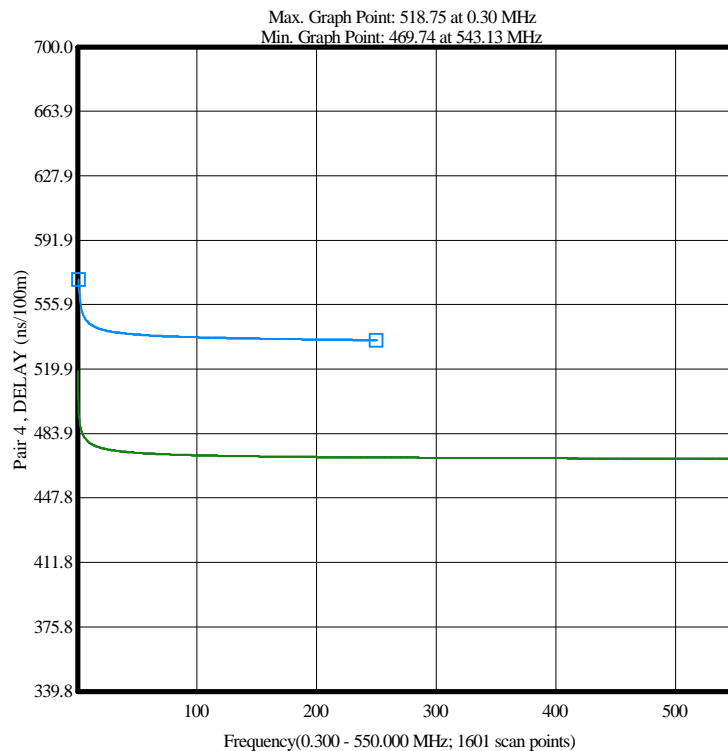
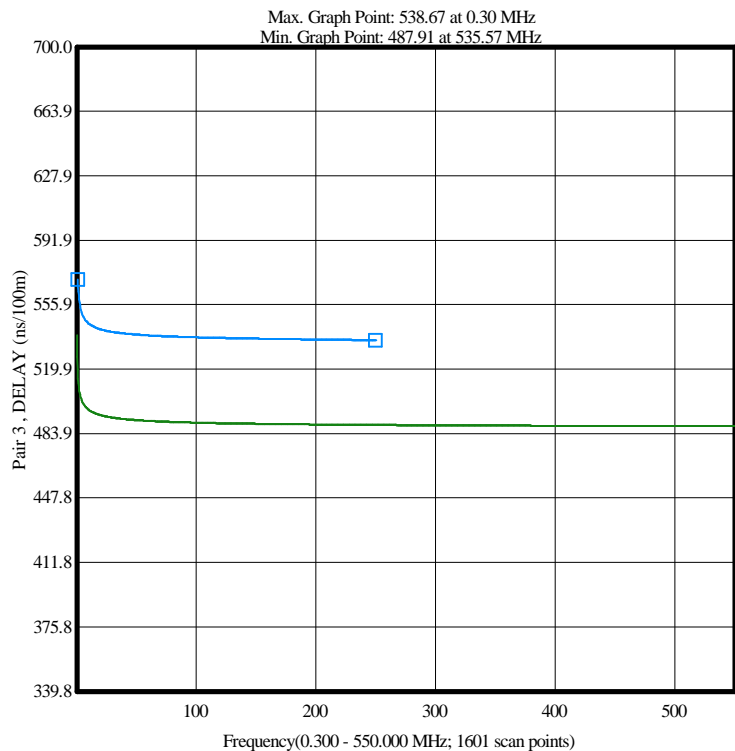
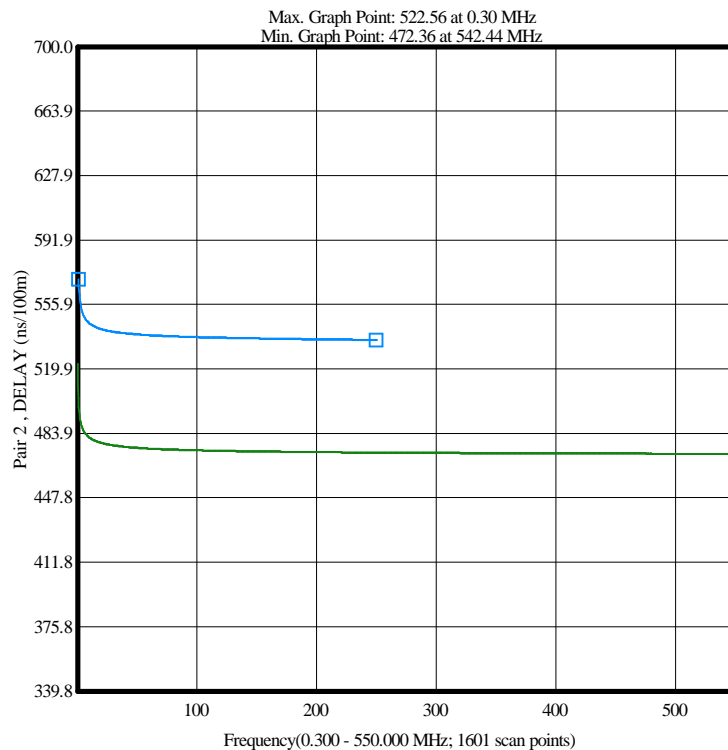
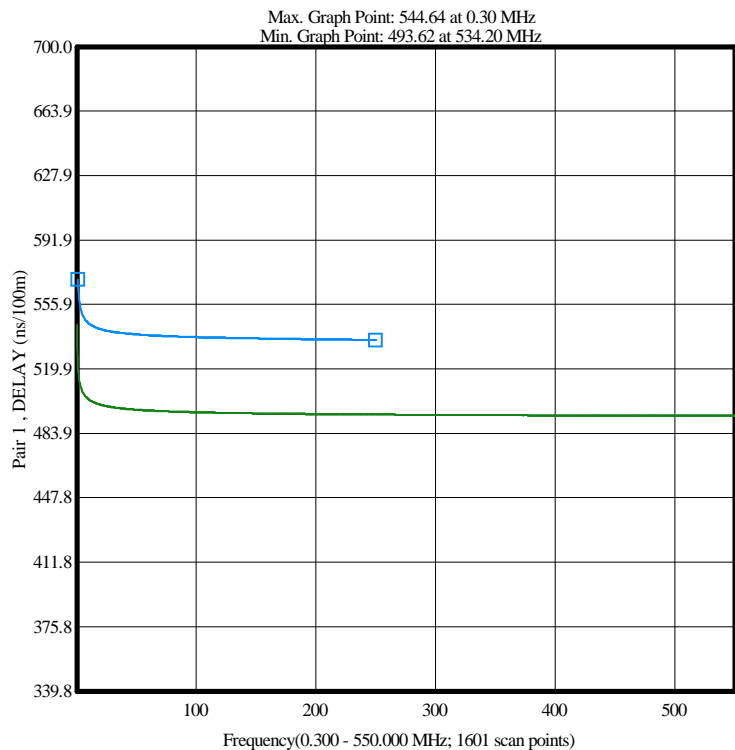
N/A = Not Applicable.
--- = Disable/Bypassed Pair.

* = Measured value out of spec.
xxx = No entry.

*** = Measured value is invalid.

Summary and Graphic: Propagation Delay (DELAY)

Pair	Spec (Max)(ns/100m)	Measured(ns/100m)	Margin (ns/100m)	@ Frequency (MHz)	Test Result
Pair 1 [1]	536.04	494.39	41.65	243.89	Passed
Pair 2 [2]	536.02	473.10	62.92	246.63	Passed
Pair 3 [3]	536.00	488.64	47.36	249.38	Passed
Pair 4 [4]	536.00	470.45	65.55	249.38	Passed



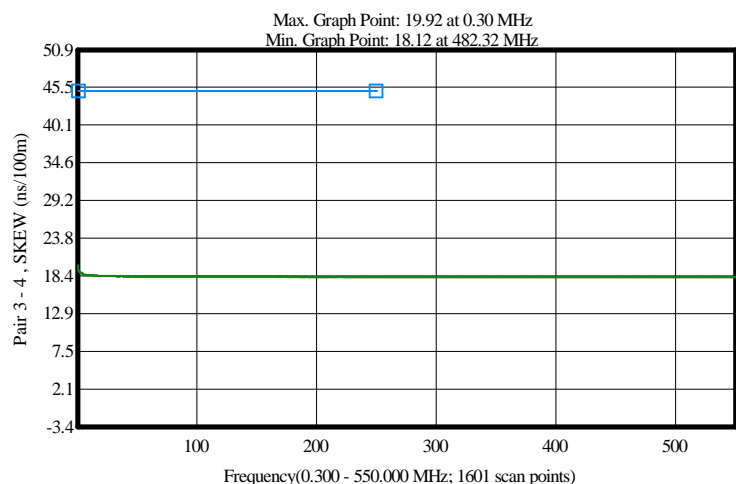
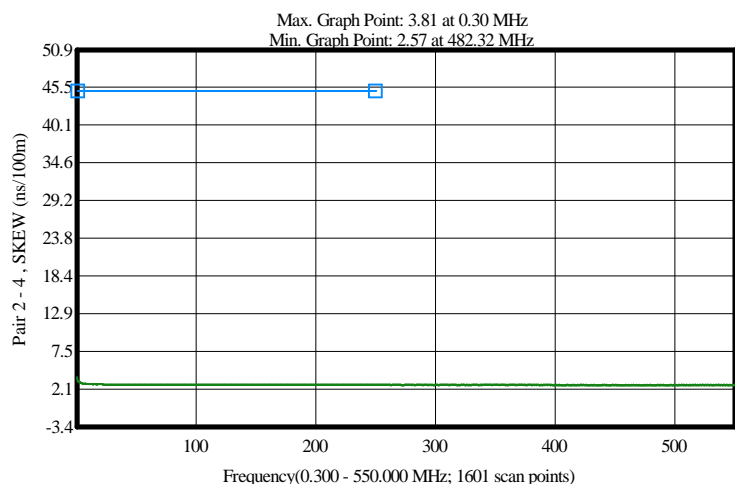
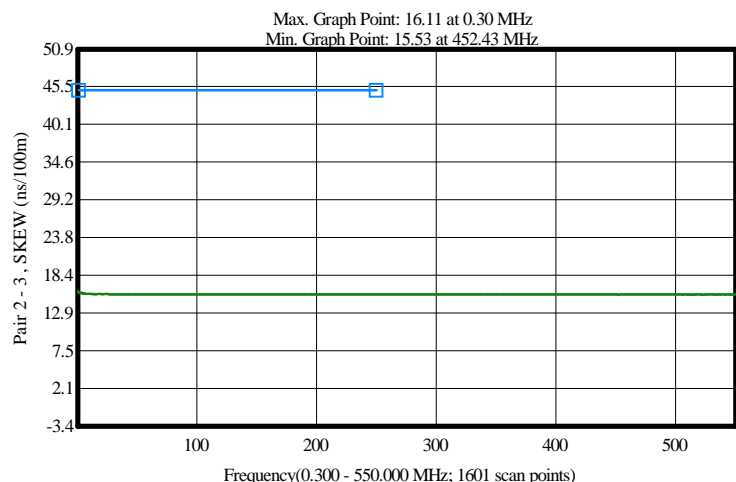
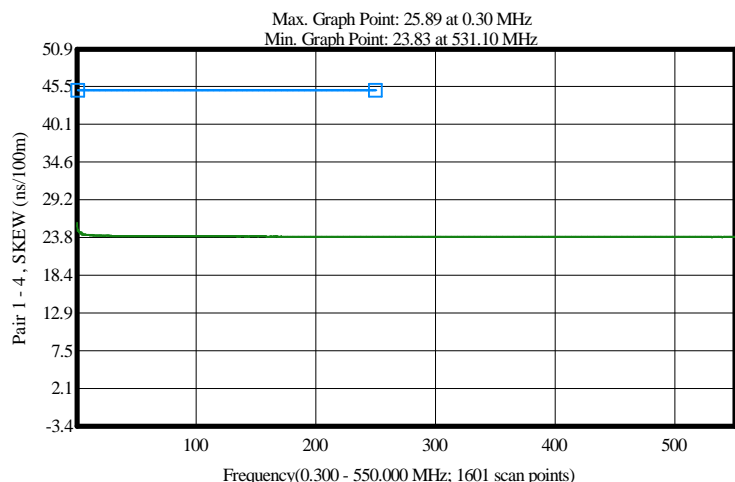
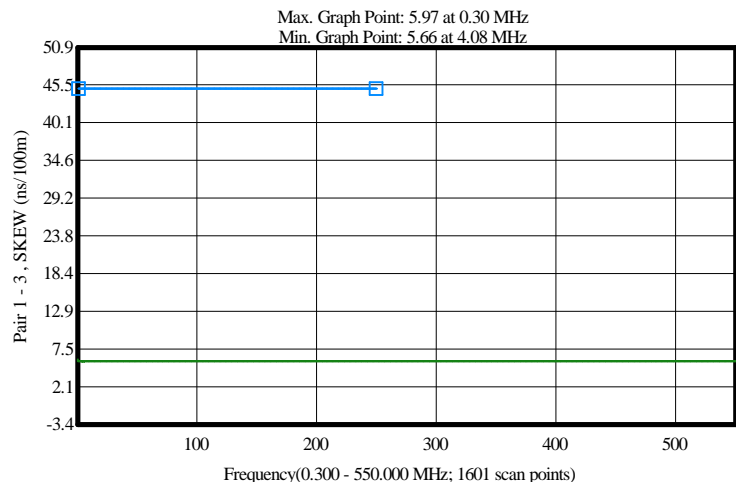
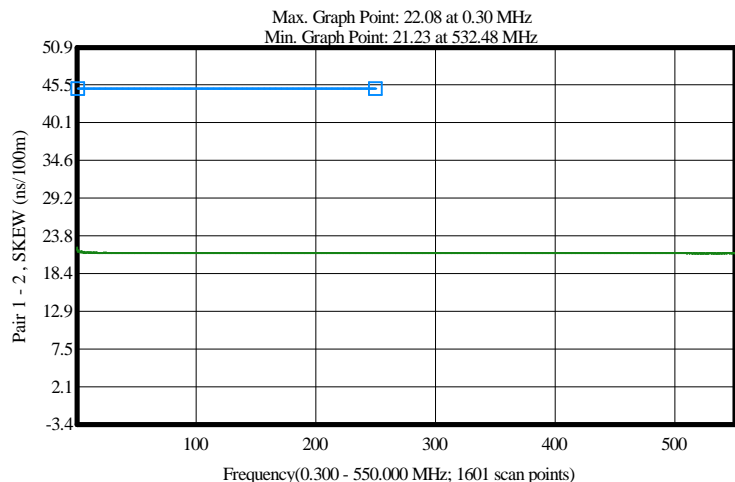
N/A = Not Applicable.
--- = Disable/Bypassed Pair.

* = Measured value out of spec.
xxx = No entry.

*** = Measured value is invalid.

Summary and Graphic: Propagation Delay Skew (SKEW)

Pair	Spec (Max)(ns/100m)	Measured(ns/100m)	Margin (ns/100m)	@ Frequency (MHz)	Test Result
Pair 1 - 2	45.00	21.66	23.34	1.67	Passed
Pair 1 - 3	45.00	5.75	39.25	1.67	Passed
Pair 1 - 4	45.00	24.85	20.15	1.67	Passed
Pair 2 - 3	45.00	15.91	29.09	1.67	Passed
Pair 2 - 4	45.00	3.24	41.76	1.33	Passed
Pair 3 - 4	45.00	19.10	25.90	1.67	Passed



N/A = Not Applicable.
--- = Disable/Bypassed Pair.

* = Measured value out of spec.
xxx = No entry.

*** = Measured value is invalid.

Detail Discrete Frequencies ---Input Impedance (Zin)(Ohms)(Terminated)

Frequency	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	99.90	100.00
Max Spec	115.00	115.00	115.00	115.00	115.00	115.00	115.00	115.00	115.00	122.00
Min Spec	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	78.00
Pair 1 [1]	99.55	100.43	101.10	100.60	101.27	98.67	100.67	100.57	96.89	97.02
Pair 2 [2]	99.76	100.90	100.06	100.46	101.63	96.94	99.87	98.73	98.64	98.49
Pair 3 [3]	99.64	101.16	100.61	101.83	101.44	98.43	101.31	101.24	99.21	99.16
Pair 4 [4]	100.99	102.44	103.12	102.38	102.97	99.64	101.25	99.99	97.70	97.67

Continue:Input Impedance (Zin)(Ohms)(Terminated)

Frequency	125.00	155.00	199.90	200.00	250.00					
Max Spec	122.00	122.00	122.00	132.00	132.00					
Min Spec	78.00	78.00	78.00	68.00	68.00					
Pair 1 [1]	99.22	100.00	99.53	99.46	99.90					
Pair 2 [2]	98.23	98.99	100.58	100.62	97.63					
Pair 3 [3]	99.86	98.41	100.21	100.23	100.08					
Pair 4 [4]	99.22	97.53	101.85	101.78	98.92					

Detail Discrete Frequencies ---Return Loss (RL)(dB)

Frequency	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00	155.00
Min Spec	23.00	24.50	25.00	25.00	25.00	24.30	23.60	21.50	20.10	18.70
Pair 1 [1]	39.55	39.18	41.86	40.82	36.88	37.14	41.03	46.78	36.40	41.10
Pair 2 [2]	33.57	37.53	41.34	42.59	34.34	31.56	44.10	41.54	35.33	35.08
Pair 3 [3]	37.86	38.02	42.04	35.15	35.65	36.03	43.44	42.97	45.07	41.53
Pair 4 [4]	34.11	35.13	34.74	36.90	32.42	33.38	42.82	38.82	36.96	33.12

Continue:Return Loss (RL)(dB)

Frequency	200.00	250.00								
Min Spec	18.00	17.30								
Pair 1 [1]	42.59	43.54								
Pair 2 [2]	41.95	36.62								
Pair 3 [3]	46.90	47.10								
Pair 4 [4]	42.53	39.81								

Detail Discrete Frequencies ---Return Loss (RL-FE)(dB)

Frequency	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00	155.00
Min Spec	23.00	24.50	25.00	25.00	25.00	24.30	23.60	21.50	20.10	18.70
Pair 1 [1]	40.38	39.45	41.32	42.77	50.05	59.77	42.42	52.18	35.95	39.05
Pair 2 [2]	33.48	36.01	35.45	42.39	39.96	38.87	38.37	31.34	32.10	36.91
Pair 3 [3]	37.95	37.60	38.16	38.07	45.81	50.21	39.26	47.56	37.90	45.61
Pair 4 [4]	33.67	34.17	32.12	44.88	38.99	42.04	32.51	33.81	31.53	26.26

Continue:Return Loss (RL-FE)(dB)

Frequency	200.00	250.00								
Min Spec	18.00	17.30								
Pair 1 [1]	43.34	36.69								
Pair 2 [2]	37.40	43.99								
Pair 3 [3]	47.13	52.77								
Pair 4 [4]	30.82	32.55								

Detail Discrete Frequencies ---Insertion Loss (IL)(dB/100.0 m)@20C

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Max Spec	2.02	3.78	5.32	5.95	7.55	8.47	9.50	10.67	15.38	19.79
Pair 1 [1]	1.76	3.50	5.02	5.64	7.14	8.04	8.99	10.07	14.38	18.27
Pair 2 [2]	1.74	3.46	4.97	5.57	7.07	7.96	8.87	9.93	14.19	18.12
Pair 3 [3]	1.77	3.51	5.04	5.65	7.16	8.06	8.99	10.08	14.39	18.31
Pair 4 [4]	1.71	3.39	4.88	5.47	6.92	7.80	8.74	9.78	13.97	17.82

Continue:Insertion Loss (IL)(dB/100.0 m)@20C

Frequency	155.00	200.00	250.00							
Max Spec	25.16	28.98	32.84							
Pair 1 [1]	22.98	26.15	29.42							

N/A = Not Applicable.
--- = Disable/Bypassed Pair.

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Continue:Insertion Loss (IL)(dB/100.0 m)@20C

Frequency	155.00	200.00	250.00							
Max Spec	25.16	28.98	32.84							
Pair 2 [2]	22.74	25.95	29.14							
Pair 3 [3]	22.97	26.16	29.38							
Pair 4 [4]	22.30	25.35	28.59							

Detail Discrete Frequencies ---Near End Crosstalk Loss (NEXT)(dB)

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Min Spec	74.30	65.20	60.70	59.30	56.20	54.70	53.30	51.80	47.30	44.30
Pair 1 - 2	95.91	90.77	84.58	86.44	79.60	88.91	76.95	77.81	69.83	62.54
Pair 1 - 3	98.84	98.23	90.44	93.96	89.52	80.20	81.85	78.60	90.98	75.81
Pair 1 - 4	102.46	100.13	95.58	85.52	86.54	77.41	80.31	84.11	79.37	67.70
Pair 2 - 3	95.97	133.43	89.87	79.04	88.01	91.51	77.39	75.37	72.14	66.55
Pair 2 - 4	95.06	90.02	87.71	86.42	95.20	84.16	82.34	79.18	77.70	71.59
Pair 3 - 4	93.77	87.65	80.44	85.14	81.87	75.02	75.56	80.04	66.14	69.44

Continue:Near End Crosstalk Loss (NEXT)(dB)

Frequency	155.00	200.00	250.00							
Min Spec	41.40	39.70	38.30							
Pair 1 - 2	64.86	61.55	58.11							
Pair 1 - 3	72.33	62.94	69.08							
Pair 1 - 4	69.60	65.50	63.61							
Pair 2 - 3	71.54	62.32	54.13							
Pair 2 - 4	78.35	67.89	73.32							
Pair 3 - 4	61.11	63.77	59.97							

Detail Discrete Frequencies ---Near End Crosstalk Loss (NEXT-Far End)(dB)

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Min Spec	74.30	65.20	60.70	59.30	56.20	54.70	53.30	51.80	47.30	44.30
Pair 1 - 2	93.43	93.08	79.90	77.06	78.04	76.24	75.82	75.83	66.38	71.34
Pair 1 - 3	95.02	108.35	93.93	89.71	85.97	85.76	92.08	77.27	75.56	75.69
Pair 1 - 4	97.26	97.07	94.38	89.93	95.05	76.28	76.27	78.96	71.70	63.23
Pair 2 - 3	96.39	96.92	89.08	78.42	80.61	75.73	76.10	72.31	70.41	71.78
Pair 2 - 4	102.46	93.23	88.92	88.02	85.71	89.73	80.52	83.97	75.93	68.18
Pair 3 - 4	98.03	91.36	84.59	92.37	77.55	73.11	80.92	85.76	67.46	69.34

Continue:Near End Crosstalk Loss (NEXT-Far End)(dB)

Frequency	155.00	200.00	250.00							
Min Spec	41.40	39.70	38.30							
Pair 1 - 2	67.90	54.48	55.16							
Pair 1 - 3	77.05	74.26	66.55							
Pair 1 - 4	69.12	68.64	62.34							
Pair 2 - 3	61.84	66.16	60.89							
Pair 2 - 4	72.15	65.66	69.50							
Pair 3 - 4	69.69	65.83	69.33							

Detail Discrete Frequencies ---ACR to FEXT Ratio (ACRF)(dB)

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Min Spec	67.80	55.70	49.70	47.80	43.70	41.70	39.80	37.90	31.80	27.80
Pair 1 - 2	87.14	83.70	81.16	79.07	72.59	70.09	68.87	67.62	57.94	60.16
Pair 1 - 3	95.12	85.68	78.55	75.79	74.06	77.61	74.11	64.25	51.46	57.07
Pair 1 - 4	105.11	128.79	92.61	91.70	87.69	84.63	84.85	83.92	64.93	65.09
Pair 2 - 3	96.48	82.85	77.35	75.13	72.14	68.35	71.65	72.91	54.83	49.29
Pair 2 - 4	89.59	85.69	80.64	79.18	73.60	69.68	68.17	66.17	65.96	55.29
Pair 3 - 4	93.98	82.37	76.29	74.29	72.97	73.62	71.14	68.75	65.66	55.02

Continue:ACR to FEXT Ratio (ACRF)(dB)

Frequency	155.00	200.00	250.00							
Min Spec	23.90	21.70	19.80							
Pair 1 - 2	64.07	60.55	48.78							
Pair 1 - 3	53.14	40.74	44.75							
Pair 1 - 4	65.36	57.71	58.16							
Pair 2 - 3	49.96	45.51	42.36							
Pair 2 - 4	55.10	43.97	47.06							

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Continue:ACR to FEXT Ratio (ACRF)(dB)

Frequency	155.00	200.00	250.00							
Min Spec	23.90	21.70	19.80							
Pair 3 - 4	56.94	50.47	61.80							

Detail Discrete Frequencies ---Power Sum NEXT(PSNEXT)(dB)

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Min Spec	72.30	63.20	58.70	57.30	54.20	52.70	51.30	49.80	45.30	42.30
Pair 1 [1]	93.53	89.62	83.28	82.48	78.43	75.36	74.42	74.41	69.28	61.15
Pair 2 [2]	90.86	87.32	81.91	77.56	78.90	82.23	73.45	72.20	67.38	60.57
Pair 3 [3]	90.95	87.25	79.46	77.96	80.17	73.77	72.73	72.74	65.07	63.39
Pair 4 [4]	91.03	85.51	79.55	80.85	80.34	72.62	73.65	75.69	65.56	63.85

Continue:Power Sum NEXT(PSNEXT)(dB)

Frequency	155.00	200.00	250.00							
Min Spec	39.40	37.70	36.30							
Pair 1 [1]	62.81	58.05	56.75							
Pair 2 [2]	63.74	57.70	52.30							
Pair 3 [3]	60.43	57.32	52.29							
Pair 4 [4]	60.45	60.04	58.22							

Detail Discrete Frequencies ---Power Sum NEXT(PSNEXT_Far End)(dB)

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Min Spec	72.30	63.20	58.70	57.30	54.20	52.70	51.30	49.80	45.30	42.30
Pair 1 [1]	90.19	91.53	79.57	76.63	77.22	72.94	72.96	72.23	64.78	62.37
Pair 2 [2]	91.31	89.31	78.91	74.48	75.67	72.68	72.24	70.27	64.55	65.07
Pair 3 [3]	91.54	90.23	82.87	77.92	75.34	70.96	74.37	70.84	65.21	66.35
Pair 4 [4]	93.96	88.52	82.84	84.93	76.85	71.34	73.58	76.63	65.60	61.21

Continue:Power Sum NEXT(PSNEXT_Far End)(dB)

Frequency	155.00	200.00	250.00							
Min Spec	39.40	37.70	36.30							
Pair 1 [1]	64.57	54.25	54.07							
Pair 2 [2]	60.50	53.52	53.38							
Pair 3 [3]	61.06	62.38	59.26							
Pair 4 [4]	64.80	60.21	60.66							

Detail Discrete Frequencies ---Power Sum ACRF (PSACRF)(dB)

(Cat 6): PSACRF >= 24.8 - 20 * Log(f/100) (Refer to manual)

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Min Spec	64.80	52.76	46.74	44.80	40.72	38.78	36.84	34.90	28.88	24.80
Pair 1 [1]	86.44	81.53	76.54	74.01	70.16	69.24	67.60	62.57	50.42	54.87
Pair 2 [2]	84.87	79.13	74.57	72.57	67.96	64.53	64.55	63.24	52.80	47.96
Pair 3 [3]	90.30	78.63	72.52	70.24	68.21	66.82	67.30	62.44	49.65	47.72
Pair 4 [4]	88.15	80.70	74.84	72.99	70.19	68.10	66.33	64.21	60.65	51.85

Continue:Power Sum ACRF (PSACRF)(dB)

Frequency	200.00	250.00								
Min Spec	18.78	16.84								
Pair 1 [1]	40.59	43.11								
Pair 2 [2]	41.51	40.40								
Pair 3 [3]	38.86	40.32								
Pair 4 [4]	42.87	46.51								

Detail Discrete Frequencies ---Propagation Delay (DELAY)(ns/100m)

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Max Spec	570.00	552.00	546.73	545.38	543.00	542.05	541.20	540.44	538.55	537.60
Pair 1 [1]	524.89	508.86	504.20	502.90	500.74	499.81	499.03	498.30	496.52	495.60
Pair 2 [2]	503.27	487.48	482.84	481.55	479.40	478.49	477.70	476.98	475.24	474.31
Pair 3 [3]	519.16	503.20	498.51	497.21	495.04	494.11	493.34	492.61	490.82	489.90
Pair 4 [4]	500.09	484.58	480.05	478.75	476.67	475.75	475.00	474.30	472.57	471.66

N/A = Not Applicable.
--- = Disable/Bypassed Pair.

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xxx = No entry.

*** = Measured value is invalid.

Continue:Propagation Delay (DELAY)(ns/100m)

Frequency	250.00									
Max Spec	536.00									
Pair 1 [1]	494.35									
Pair 2 [2]	473.08									
Pair 3 [3]	488.64									
Pair 4 [4]	470.45									

Detail Discrete Frequencies ---Propagation Delay Skew (SKEW)(ns/100m)

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Max Spec	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Pair 1 - 2	21.62	21.38	21.36	21.35	21.34	21.32	21.33	21.32	21.28	21.29
Pair 1 - 3	5.73	5.66	5.69	5.69	5.70	5.70	5.69	5.69	5.70	5.70
Pair 1 - 4	24.80	24.28	24.15	24.15	24.07	24.06	24.03	24.00	23.95	23.94
Pair 2 - 3	15.89	15.72	15.67	15.66	15.64	15.62	15.64	15.63	15.58	15.59
Pair 2 - 4	3.18	2.90	2.79	2.80	2.73	2.74	2.70	2.68	2.67	2.65
Pair 3 - 4	19.07	18.62	18.46	18.46	18.37	18.36	18.34	18.31	18.25	18.24

Continue:Propagation Delay Skew (SKEW)(ns/100m)

Frequency	155.00	200.00	250.00							
Max Spec	45.00	45.00	45.00							
Pair 1 - 2	21.28	21.27	21.27							
Pair 1 - 3	5.70	5.70	5.71							
Pair 1 - 4	23.93	23.91	23.90							
Pair 2 - 3	15.58	15.57	15.56							
Pair 2 - 4	2.65	2.64	2.63							
Pair 3 - 4	18.23	18.21	18.19							

N/A = Not Applicable.
--- = Disable/Bypassed Pair.

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