DCM Test Report

Cable Type	: 4x2x24 x PE/PE	Factory Number	:	Data File Name	: DA048347.XLD
Cable I.D.	: UTP#24X4P CABLE	Order Number	:	Specification File	: S350.LDS
Temperature	: 25.00 蚓	Operator	: TENG	Test Date	: 04/16/2010
Length	: 305.00 m	Number of Pairs to Test	: 4	Test Time	: 09:18:54 AM
Starting Position	: 3				

Pass - Fail Test Certificate - 4 Pairs

High Frequency

Test Type	Test Result
Input Impedance (Zin)(Ohms)(Open/Short)	**OK**
Return Loss (RL)(dB)	**OK**
Insertion Loss (IL)(Curve Fit)(dB/328.1 ft)@20C	**OK**
Near End Crosstalk Loss (NEXT)(dB)	**OK**
Power Sum NEXT(PSNEXT)(dB)	**OK**
ATT to NEXT Ratio (ACR)(dB/100.0 m)	**OK**
Power Sum ACR (PS ACR)(dB/100.0 m)	**OK**

Low Frequency

Test Type	Test Result
Conductor Resistance(Ohms/100.0 m)@20C	**OK**
Resistance Unbalance(%)@20C	**OK**
Mutual Capacitance(nF/100.0 m)@1000Hz	**OK**
Cap. Unbalance to Ground(pF/100.0 m)@1000Hz	**OK**
Cap. Unbalance to Shield(pF/100.0 m)@1000Hz	**OK**

Signature:	Approved:	Date:

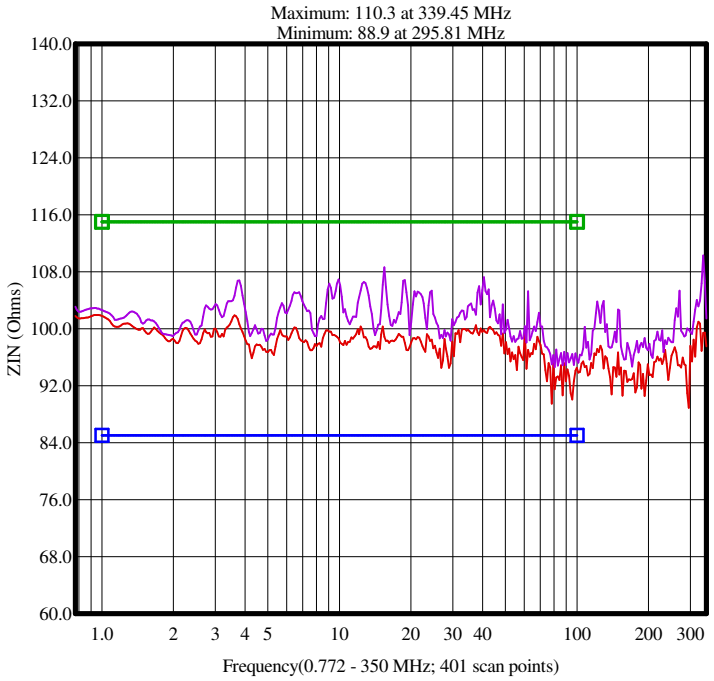
DCM Test Report

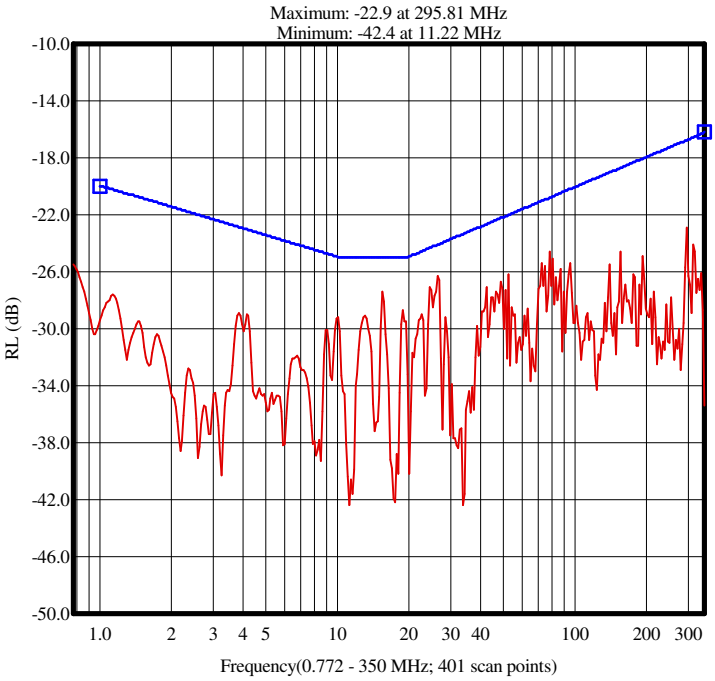
Cable Type	: 4x2x24 x PE/PE	Factory Number	:	Data File Name	: DA048347.XLD
Cable I.D.	: UTP#24X4P CABLE	Order Number	:	Specification File	: S350.LDS
Temperature	: 25.00 蚓	Operator	: TENG	Test Date	: 04/16/2010
Length	: 305.00 m	Number of Pairs to Test	: 4	Test Time	: 09:18:54 AM
Starting Position	: 3				

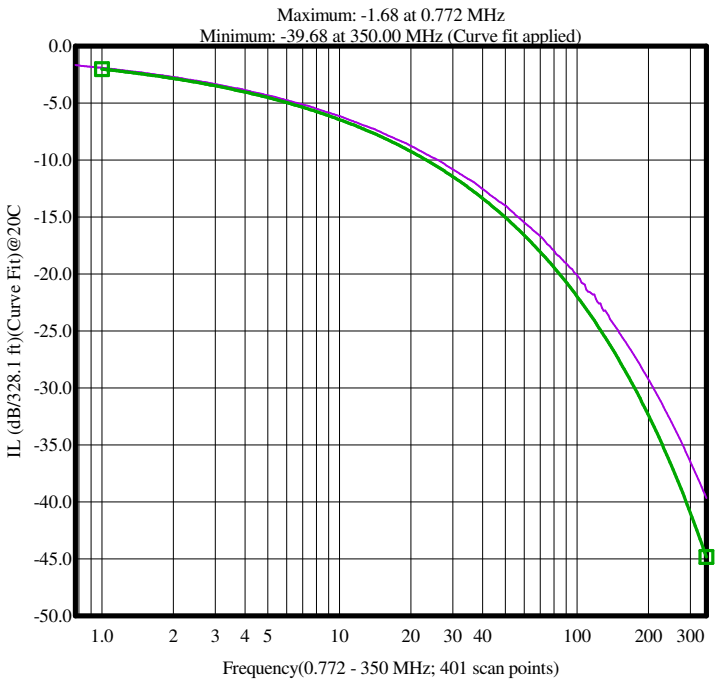
Worst Case Summary

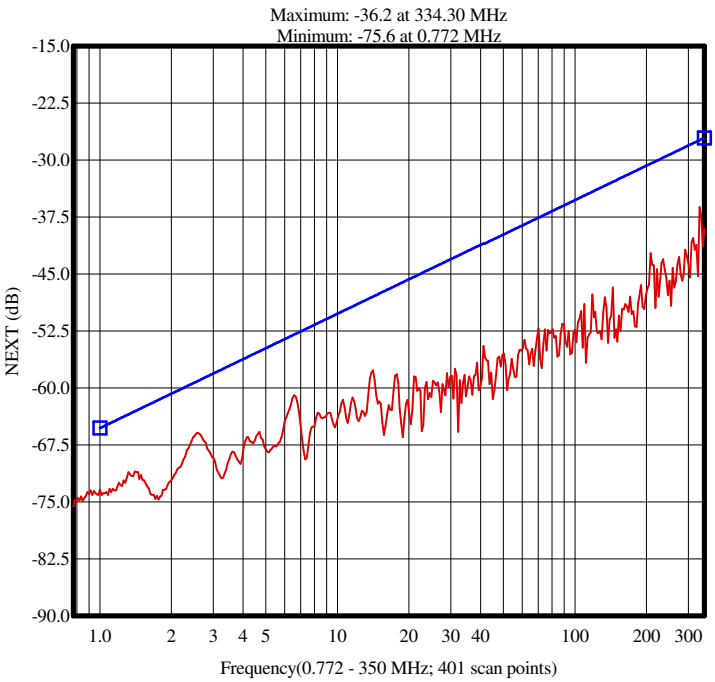
High Frequency

Test Type	Specification	Measured (Pair)	Margin	@ Frequency (MHz)	Test Result
Input Impedance (Zin)(Open/Short)	85.0 (Min)	89.4 (Pair 2)	4.4	78.20	Passed
Input Impedance (Zin)(Open/Short)	115.0 (Max)	108.6 (Pair 2)	6.4	15.46	Passed
Return Loss (RL)	24.1 (Min)	26.3 (Pair 2)	2.2	26.41	Passed
Insertion Loss (IL)(Curve Fit)@20C	2.05 (Max)	1.94 (Pair 1)	0.11	1.02	Passed
Near End Crosstalk Loss (NEXT)	59.2 (Min)	66.0 (Pairs 2-4)	6.8	2.54	Passed
Power Sum NEXT(PSNEXT)	56.3 (Min)	65.5 (Pair 2)	9.2	2.51	Passed
ATT to NEXT Ratio (ACR)	56.0 (Min)	63.0 (Pairs 2-4)	7.0	2.54	Passed
Power Sum ACR (PS ACR)	53.0 (Min)	62.4 (Pair 2)	9.4	2.54	Passed







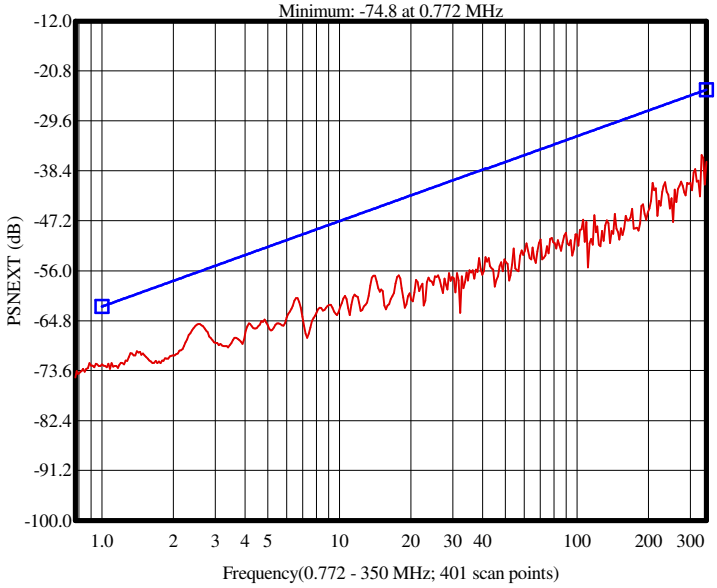


N/A = Not Applicable.
--- = Disable/Bypassed Pair.

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

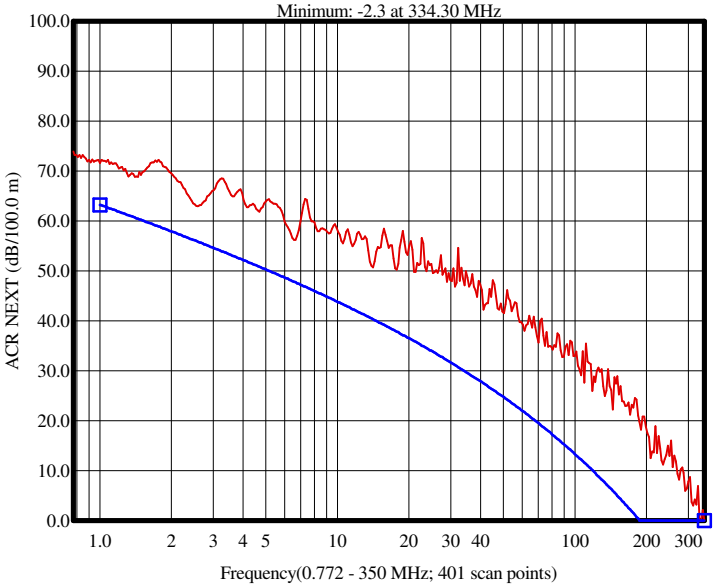
*** = Measured value is invalid.

Maximum: -35.6 at 334.30 MHz
Minimum: -74.8 at 0.772 MHz



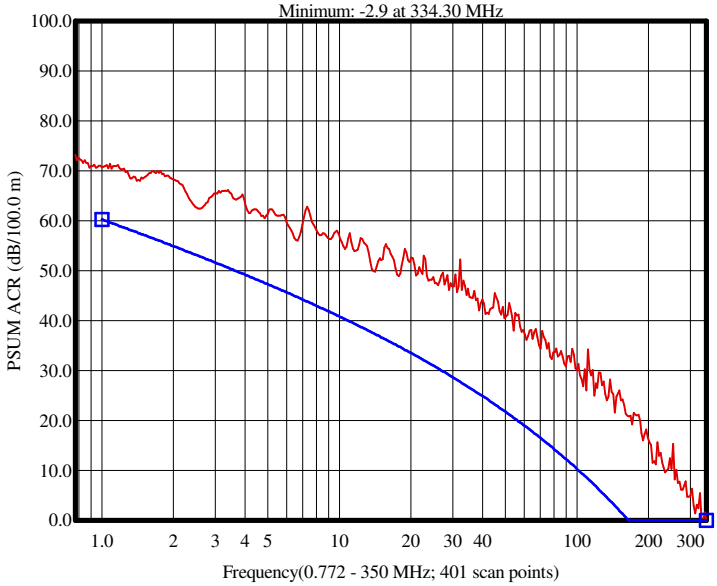
Frequency(0.772 - 350 MHz; 401 scan points)

Maximum: 73.9 at 0.772 MHz
Minimum: -2.3 at 334.30 MHz



Frequency(0.772 - 350 MHz; 401 scan points)

Maximum: 73.2 at 0.772 MHz
Minimum: -2.9 at 334.30 MHz



Frequency(0.772 - 350 MHz; 401 scan points)

N/A = Not Applicable.
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* = Measured value out of spec.
xxx = No entry.

*** = Measured value is invalid.

Worst Case Summary

Low Frequency

Statistical Parameter	Maximum		Minimum		Average Maximum		Standard Deviation		
Test Type	Spec Limit	Measured	Spec Limit	Measured	Spec Limit	Measured	Spec Limit	Measured	Result
Conductor Resistance(Ohms/100.0 m)@20C	9.38	7.72	xxx	7.46	xxx	7.58	xxx	0.101	Passed
Resistance Unbalance(%)	5.00	0.54	xxx	0.16	xxx	0.33	xxx	0.137	Passed
Mutual Capacitance(nF/100.0 m)@1000Hz	5.60	5.59	xxx	5.29	xxx	5.45	xxx	0.122	Passed
Cap. Unbalance to Ground(pF/100.0 m)@1000Hz	160.00	45.14	xxx	2.74	xxx	21.59	xxx	17.267	Passed
Cap. Unbalance to Shield(pF/100.0 m)@1000Hz	160.00	0.49	xxx	0.17	xxx	0.31	xxx	0.132	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	Capacitance Unbalance to Shield @1000 Hz	Test Result
Unit	Ohms/100.0 m	Ohms/100.0 m	%	nF/100.0 m	pF/100.0 m	pF/100.0 m	
Max Spec	9.38	9.38	5.00	5.60	160.00	160.00	
Min Spec	xxx	xxx	xxx	xxx	xxx	xxx	
Pair 1 [3]	7.72	7.68	0.54	5.59	-45.14	0.49	Passed
Pair 2 [4]	7.49	7.51	0.34	5.36	7.59	0.38	Passed
Pair 3 [5]	7.68	7.66	0.28	5.55	-30.91	0.19	Passed
Pair 4 [6]	7.46	7.47	0.16	5.29	-2.74	0.17	Passed

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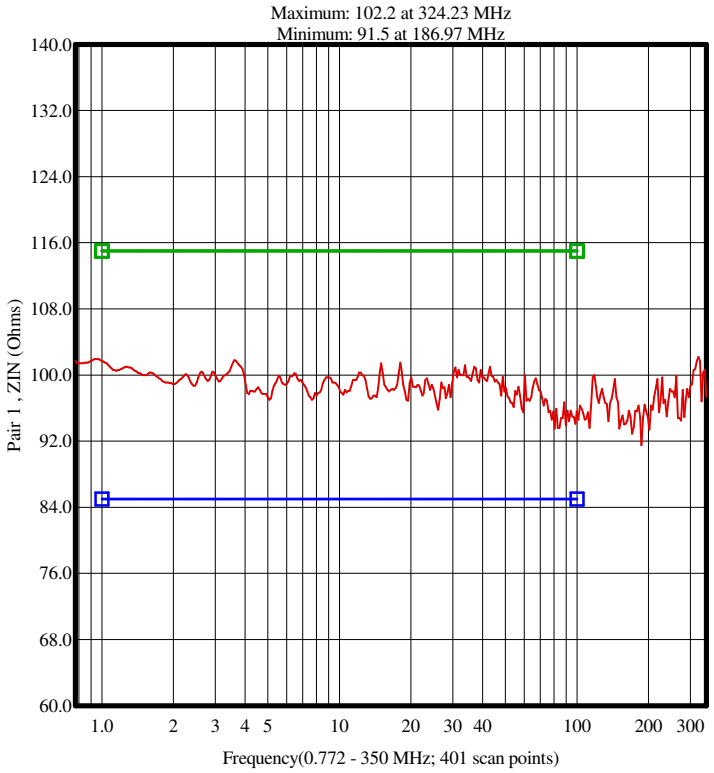
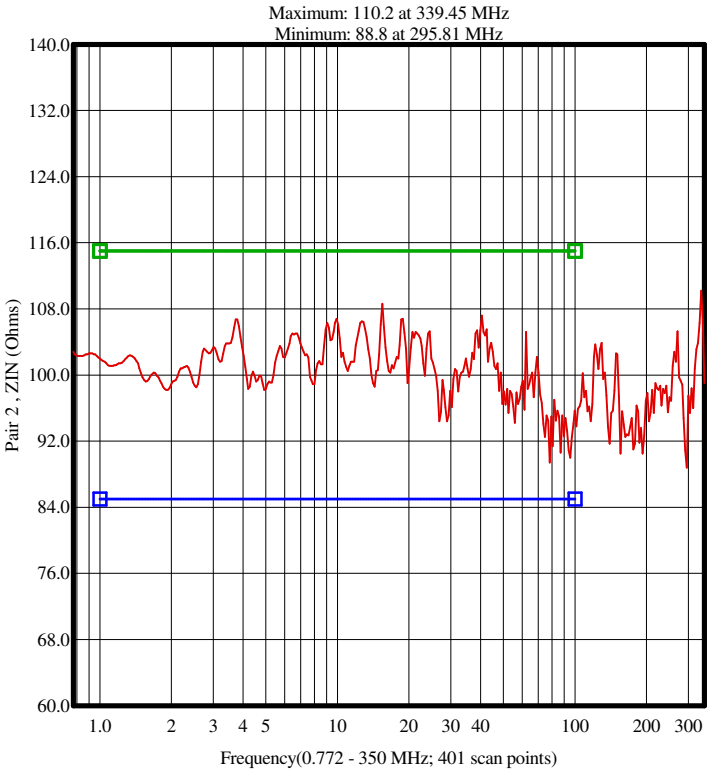
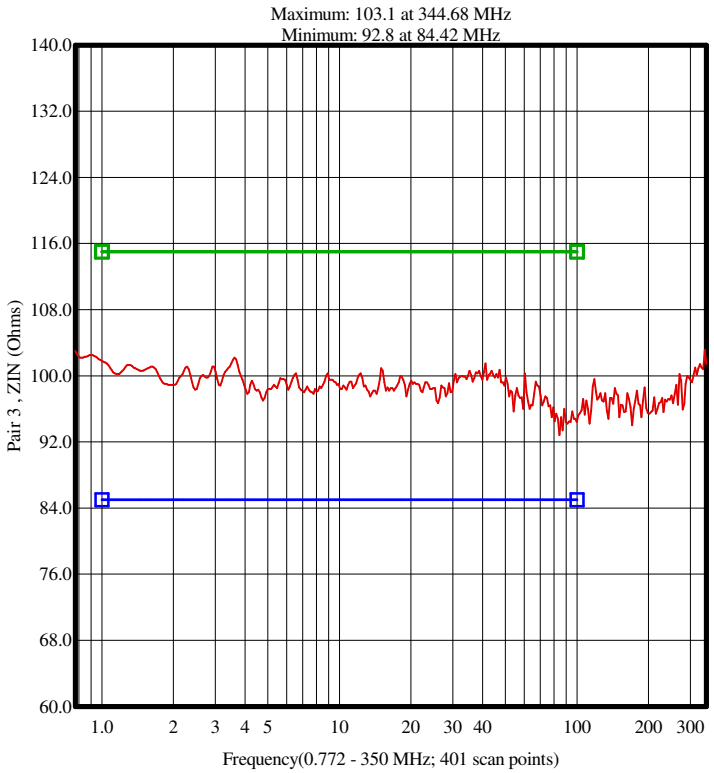
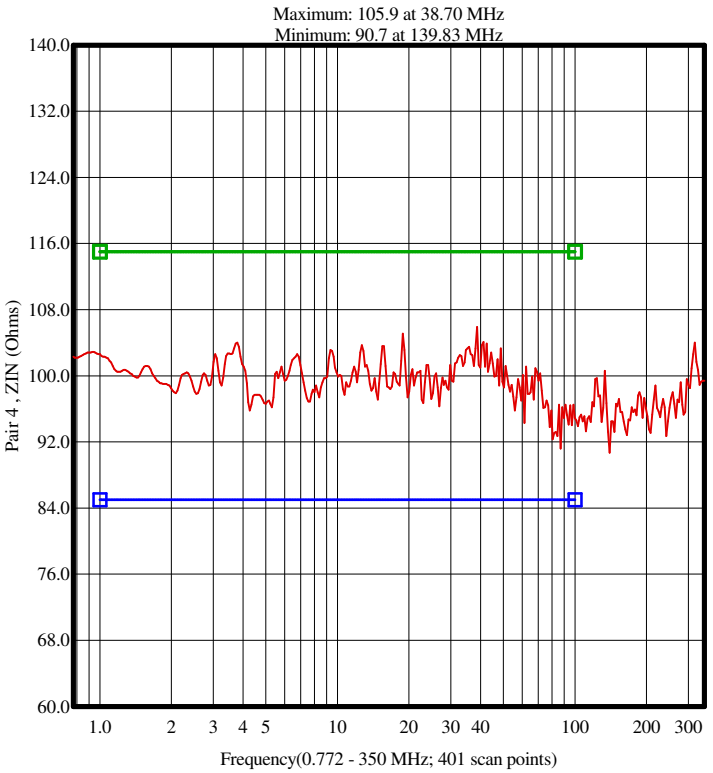
Summary and Graphic: Input Impedance (Zin)(Open/Short)

	Specification		Measured(Ohms)		Margin (Ohms)		@ Frequency (MHz)		
Pair [Position]	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Test Result
Pair 1 [3]	85.0	115.0	93.5	101.8	8.5	13.2	80.63	3.62	Passed
Pair 2 [4]	85.0	115.0	89.4	108.6	4.4	6.4	78.20	15.46	Passed
Pair 3 [5]	85.0	115.0	92.8	102.2	7.8	12.8	84.42	3.62	Passed
Pair 4 [6]	85.0	115.0	91.2	105.9	6.2	9.1	87.04	38.70	Passed









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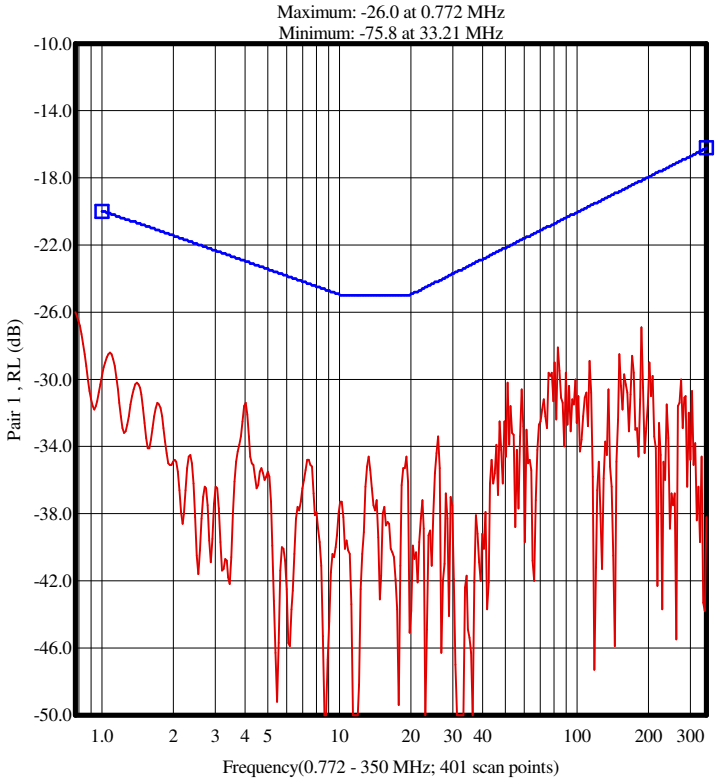
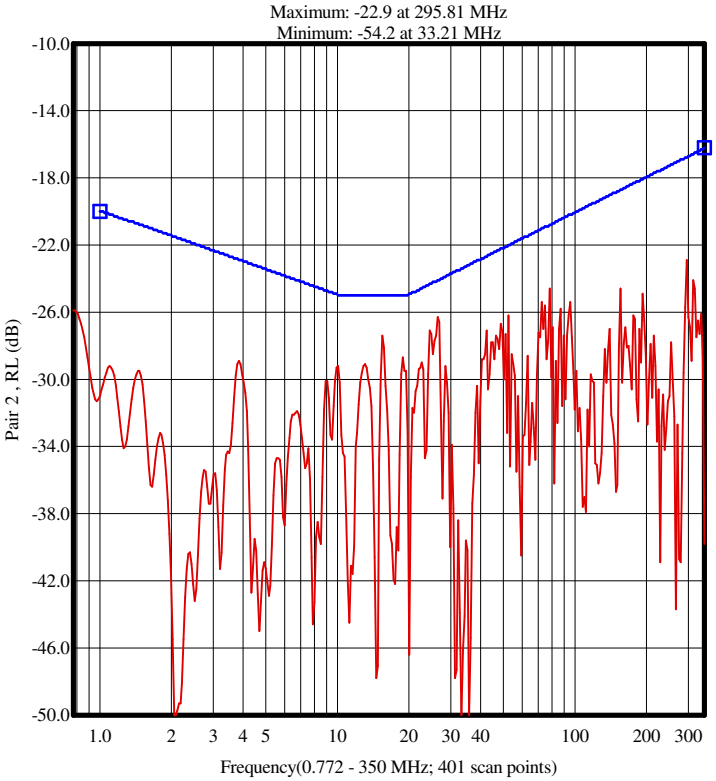
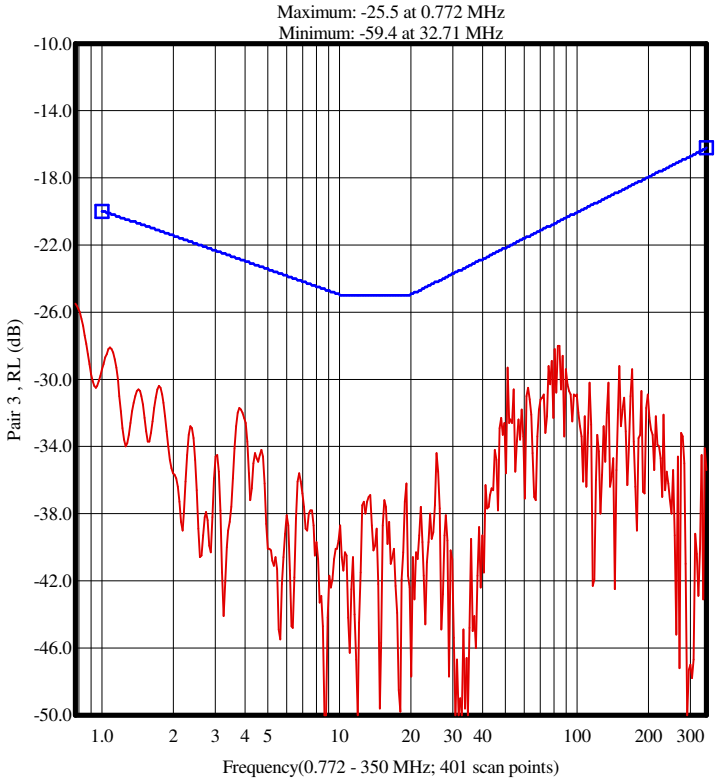
Summary and Graphic: Return Loss (RL)

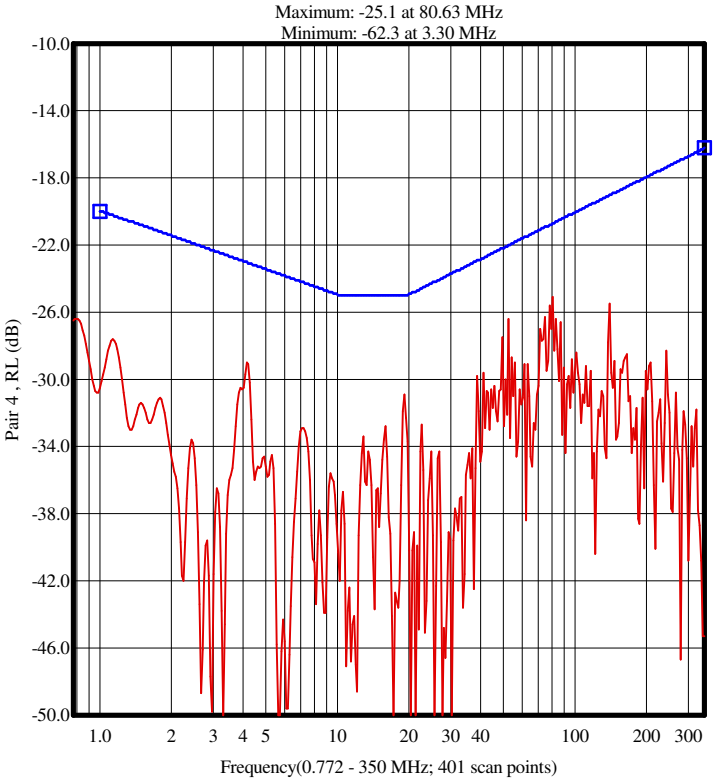
(Formula):RL>=20.0+5.0*Log(f); 25.0; 25.0-7.0*Log(f/20.0) (Refer to manual)

Pair [Position]	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 [3]	20.6	28.1	7.5	83.14	Passed
Pair 2 [4]	24.1	26.3	2.2	26.41	Passed
Pair 3 [5]	22.1	29.3	7.2	50.97	Passed
Pair 4 [6]	22.0	26.4	4.4	52.55	Passed









N/A = Not Applicable.
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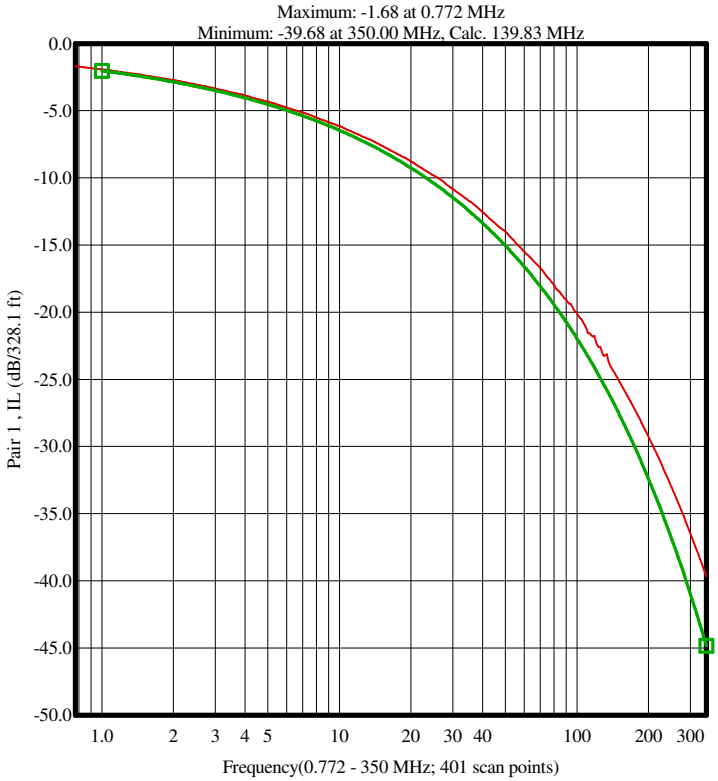
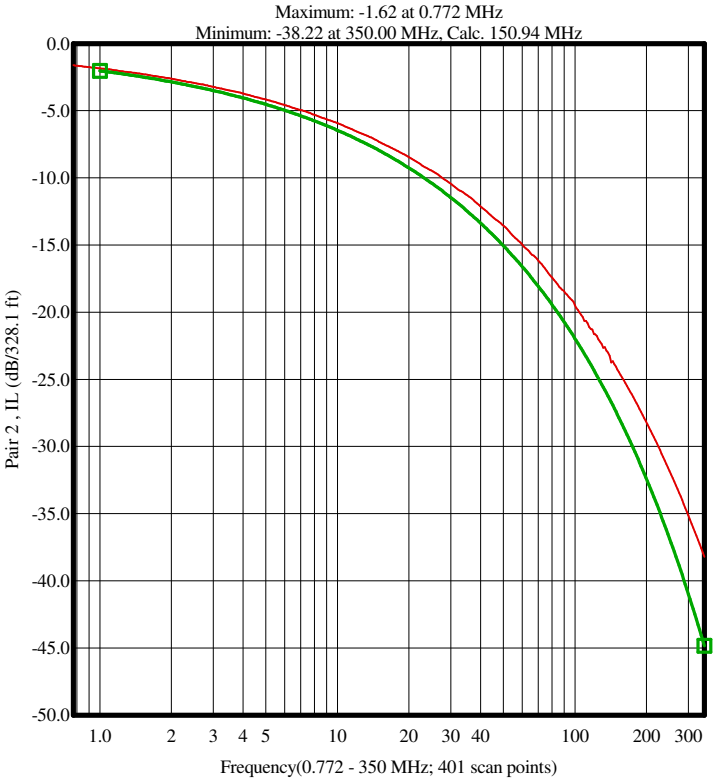
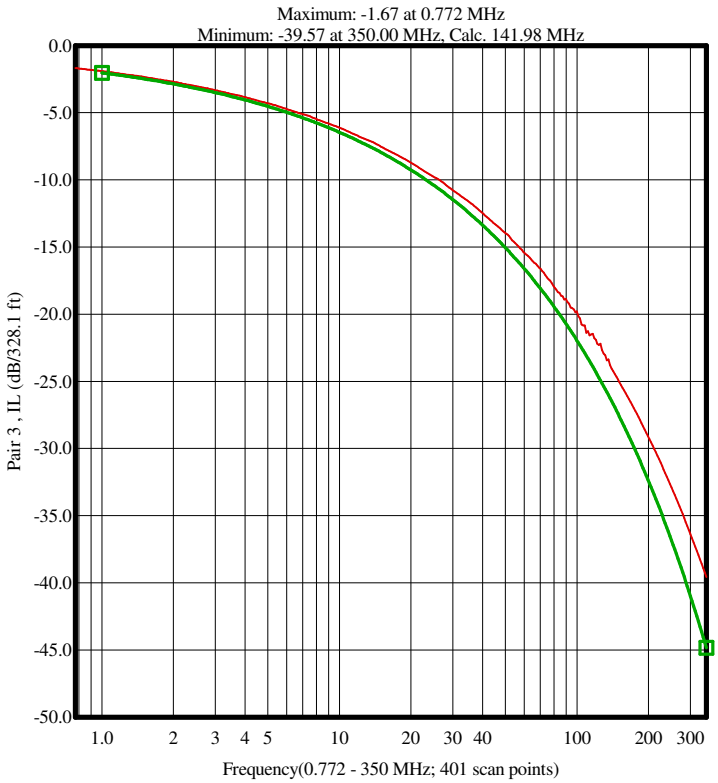
Summary and Graphic: Insertion Loss (IL)(Curve Fit)@20C

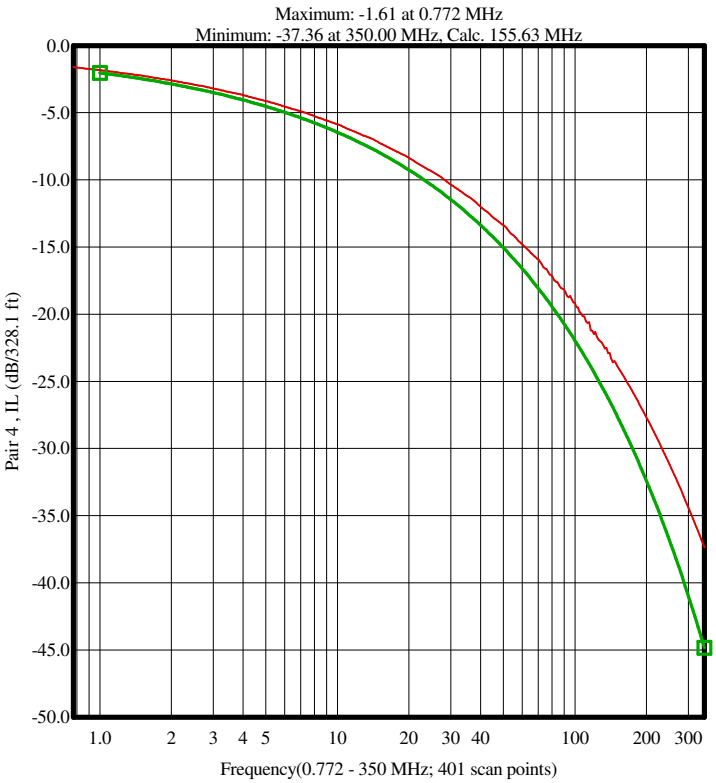
(Formula): IL <= [(1.967*SQRT(f)) + (0.023*f) + (0.050/SQRT(f))] *1.000 * Stranded Factor (Refer to manual)

Pair [Position]	Spec (Max)(dB/328.1 ft)	Measured(dB/328.1 ft)	Margin (dB/328.1 ft)	@ Frequency (MHz)	Test Result
Pair 1 [3]	2.05	1.94	0.11	1.02	Passed
Pair 2 [4]	2.04	1.85	0.19	1.00	Passed
Pair 3 [5]	2.29	2.17	0.12	1.28	Passed
Pair 4 [6]	2.05	1.85	0.20	1.02	Passed









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

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xxx = No entry.

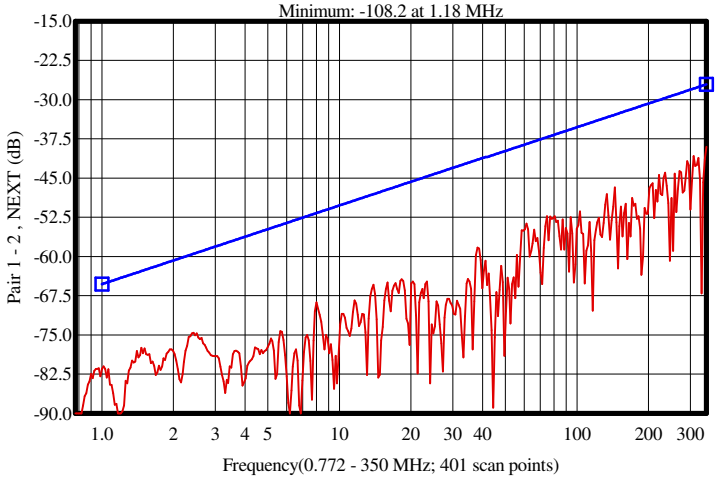
*** = Measured value is invalid.

Summary and Graphic: Near End Crosstalk Loss (NEXT)

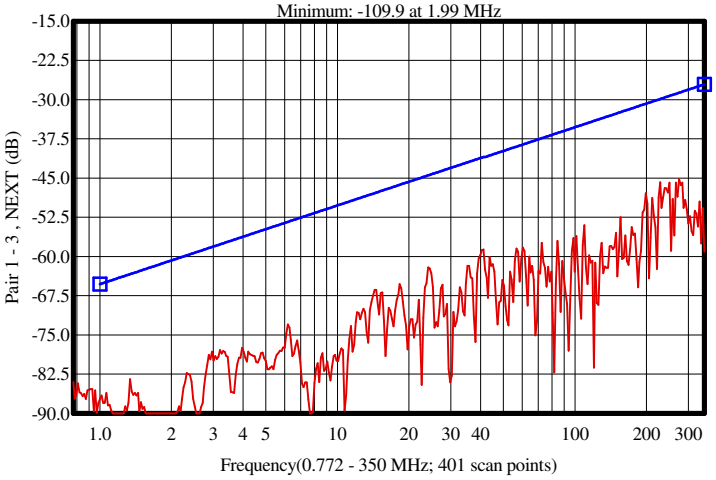
(Formula): NEXT >= 67.000 - 15.000 * Log(f/0.772)

Pair [Position]	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 - 2	27.1	39.0	11.9	350.00	Passed
Pair 1 - 3	29.9	45.8	15.9	228.09	Passed
Pair 1 - 4	57.8	72.8	15.0	3.15	Passed
Pair 2 - 3	27.4	36.2	8.8	334.30	Passed
Pair 2 - 4	59.2	66.0	6.8	2.54	Passed
Pair 3 - 4	55.0	68.6	13.6	4.84	Passed

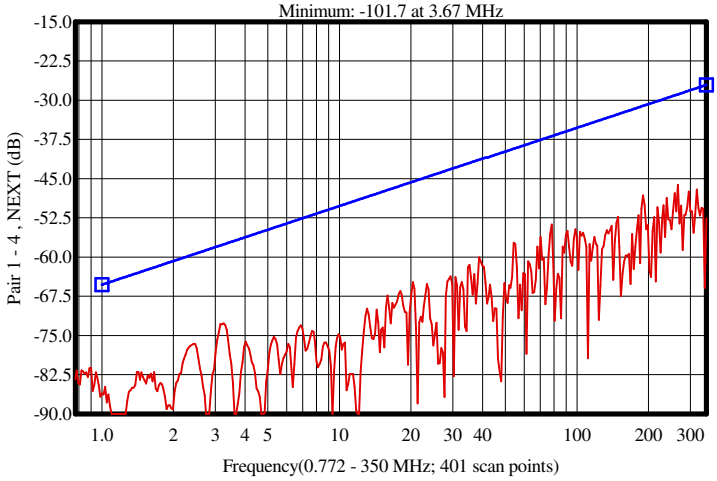
Maximum: -39.0 at 350.00 MHz
Minimum: -108.2 at 1.18 MHz



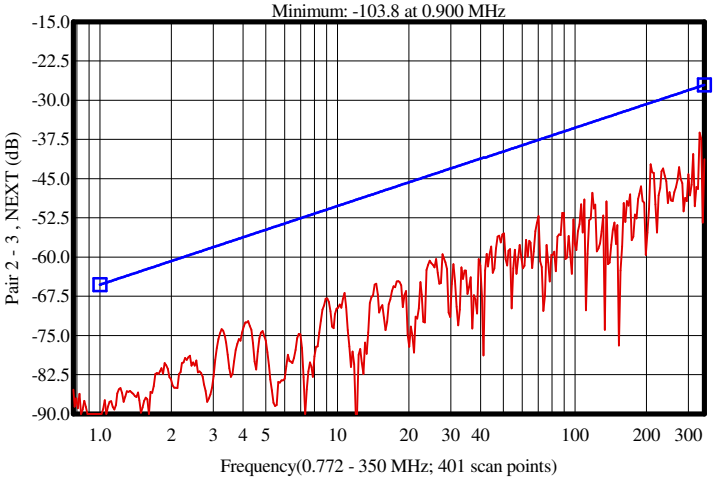
Maximum: -45.2 at 274.03 MHz
Minimum: -109.9 at 1.99 MHz



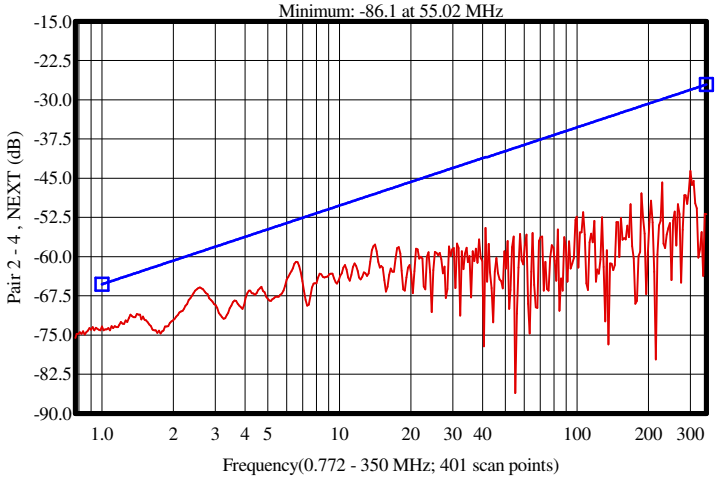
Maximum: -46.2 at 265.78 MHz
Minimum: -101.7 at 3.67 MHz



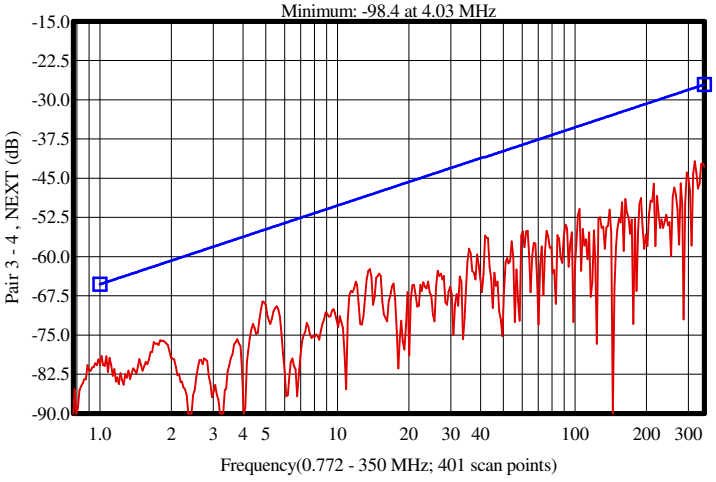
Maximum: -36.2 at 334.30 MHz
Minimum: -103.8 at 0.900 MHz



Maximum: -43.6 at 300.36 MHz
Minimum: -86.1 at 55.02 MHz



Maximum: -41.8 at 319.31 MHz
Minimum: -98.4 at 4.03 MHz



N/A = Not Applicable.
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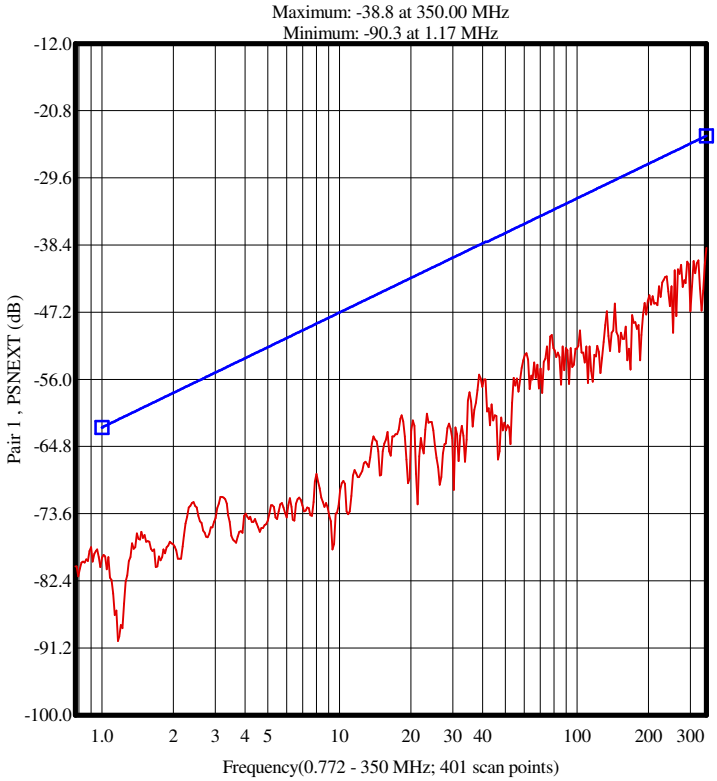
xxx = No entry.

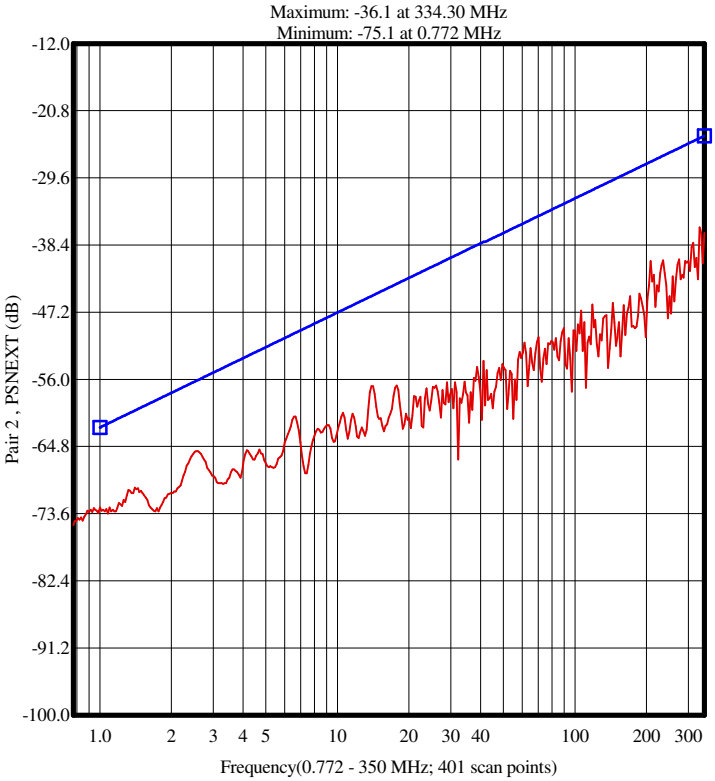
*** = Measured value is invalid.

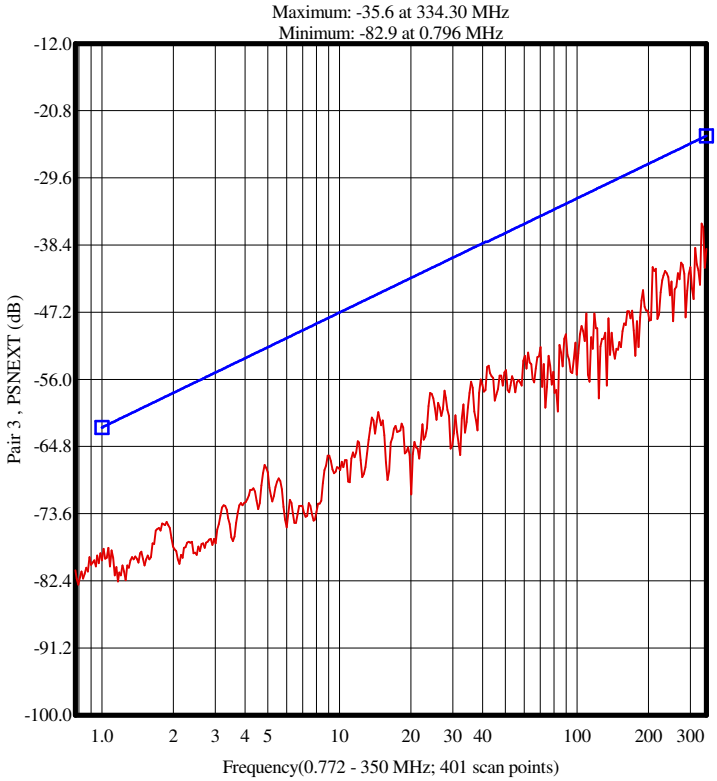
Summary and Graphic: Power Sum NEXT(PSNEXT)

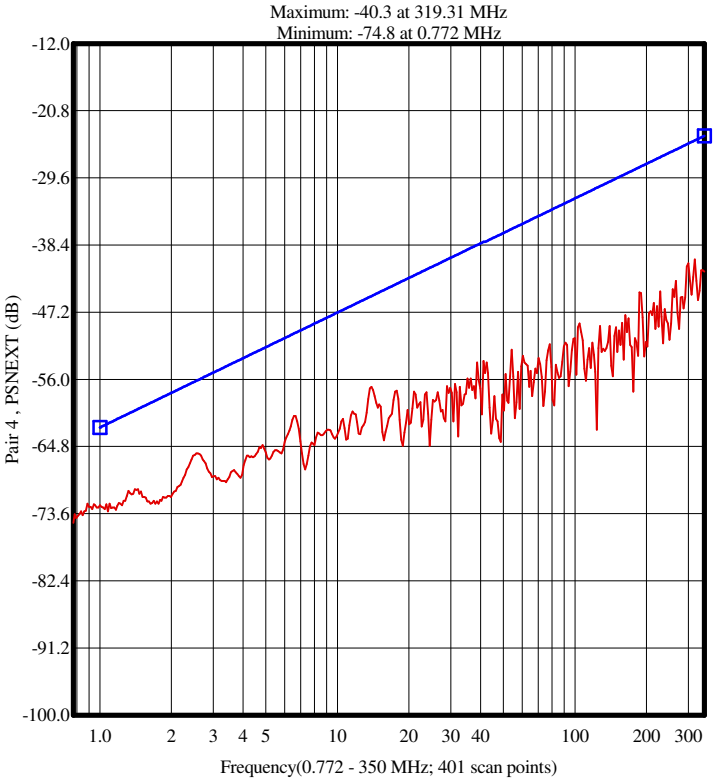
(Formula): PSNEXT >= 64.00 - 15.00 * Log(f/0.772)

Pair [Position]	Spec (Min)(dB)	Measured(dB)	Margin (dB)	@ Frequency (MHz)	Test Result
Pair 1 [3]	24.1	38.8	14.7	350.00	Passed
Pair 2 [4]	56.3	65.5	9.2	2.51	Passed
Pair 3 [5]	24.4	35.6	11.2	334.30	Passed
Pair 4 [6]	56.2	65.7	9.5	2.54	Passed









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

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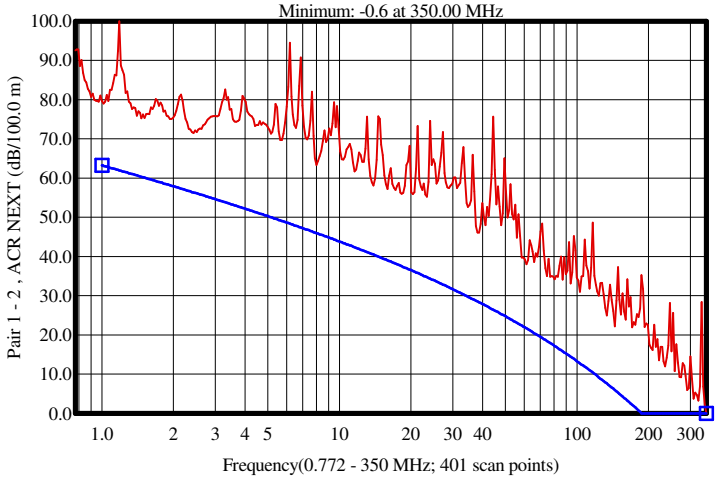
*** = Measured value is invalid.

Summary and Graphic: ATT to NEXT Ratio (ACR)

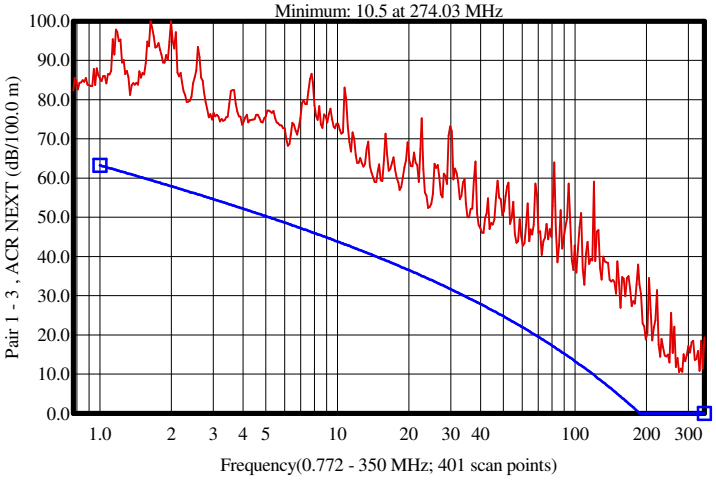
(Formula): ACR(next) >= (1.000 * NEXT Formula) - (1.000 * IL Formula) + 0.000 (Refer to manual)

Pair [Position]	Spec (Min)(dB/100.0 m)	Measured(dB/100.0 m)	Margin (dB/100.0 m)	@ Frequency (MHz)	Test Result
Pair 1 - 2	60.3	75.2	14.9	1.47	Passed
Pair 1 - 3	34.3	52.4	18.1	24.09	Passed
Pair 1 - 4	54.2	69.4	15.2	3.15	Passed
Pair 2 - 1	60.3	75.3	15.0	1.47	Passed
Pair 2 - 3	-16.2	-1.0	15.2	334.30	Passed
Pair 2 - 4	56.0	63.0	7.0	2.54	Passed

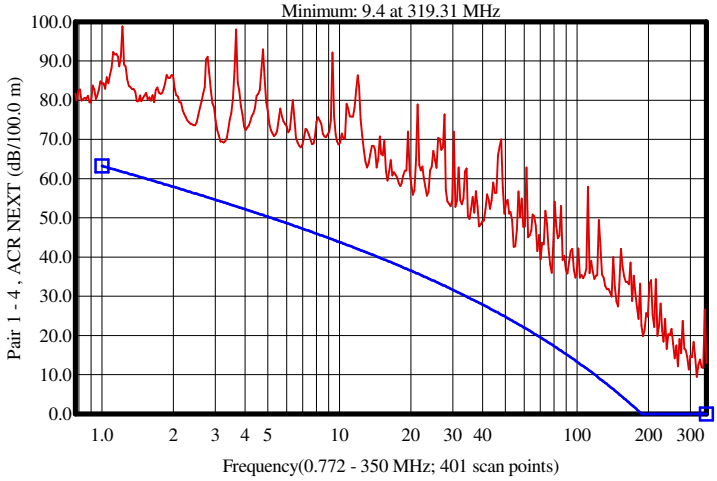
Maximum: 106.1 at 1.18 MHz
Minimum: -0.6 at 350.00 MHz



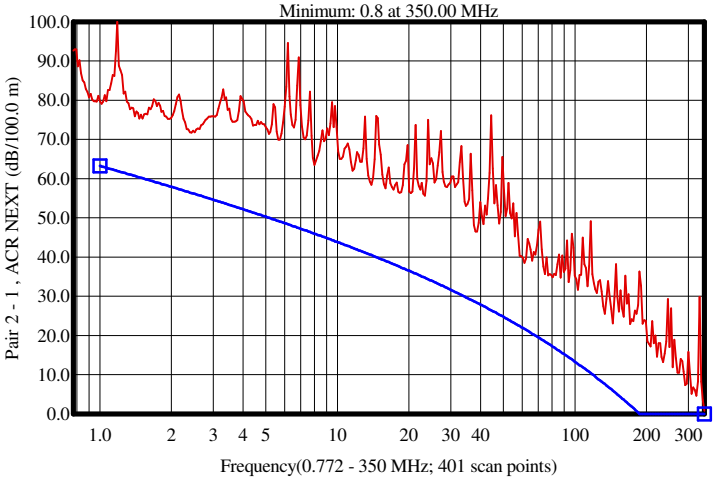
Maximum: 107.2 at 1.99 MHz
Minimum: 10.5 at 274.03 MHz



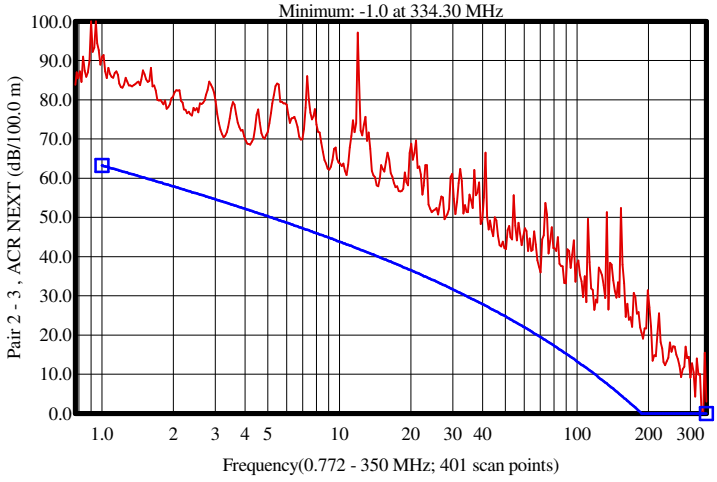
Maximum: 98.8 at 1.22 MHz
Minimum: 9.4 at 319.31 MHz



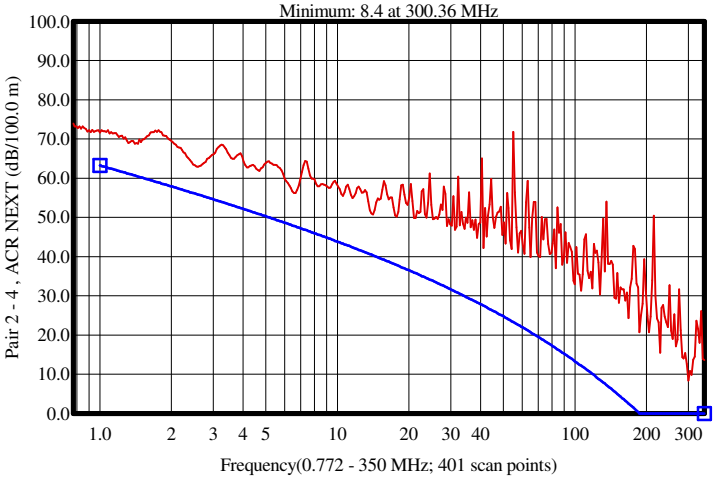
Maximum: 106.2 at 1.18 MHz
Minimum: 0.8 at 350.00 MHz



Maximum: 102.0 at 0.900 MHz
Minimum: -1.0 at 334.30 MHz



Maximum: 73.9 at 0.772 MHz
Minimum: 8.4 at 300.36 MHz



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

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

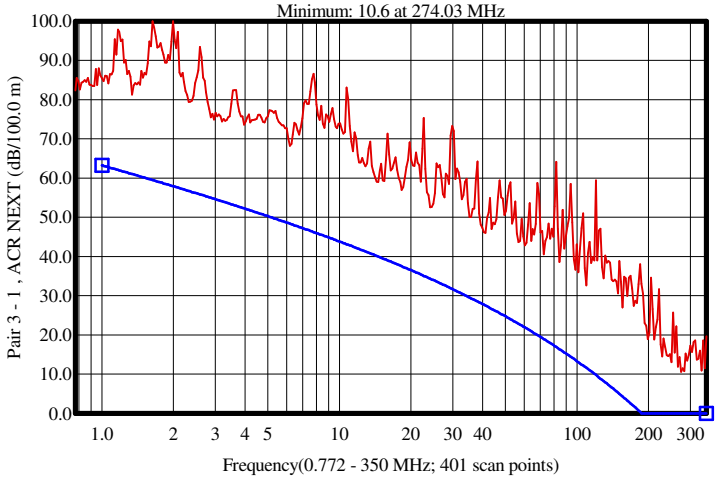
*** = Measured value is invalid.

Summary and Graphic: ATT to NEXT Ratio (ACR)

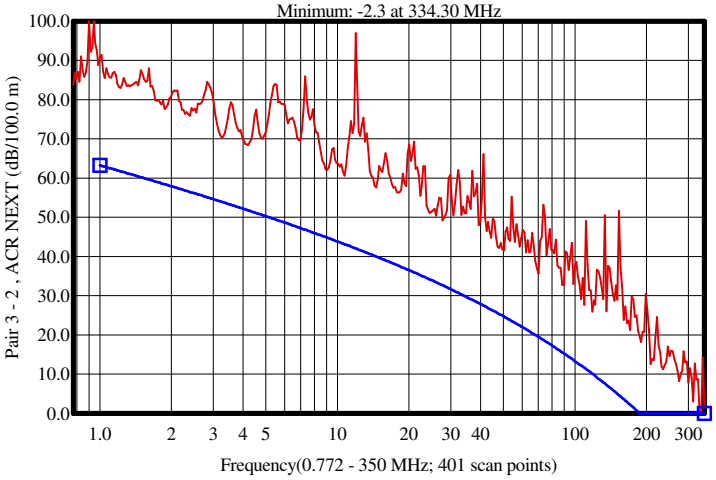
(Formula): ACR(next) >= (1.000 * NEXT Formula) - (1.000 * IL Formula) + 0.000 (Refer to manual)

Pair [Position]	Spec (Min)(dB/100.0 m)	Measured(dB/100.0 m)	Margin (dB/100.0 m)	@ Frequency (MHz)	Test Result
Pair 3 - 1	34.3	52.5	18.2	24.09	Passed
Pair 3 - 2	-16.2	-2.3	13.9	334.30	Passed
Pair 3 - 4	50.5	64.4	13.9	4.84	Passed
Pair 4 - 1	54.2	69.5	15.3	3.15	Passed
Pair 4 - 2	56.0	63.0	7.0	2.54	Passed
Pair 4 - 3	63.1	77.2	14.1	1.02	Passed

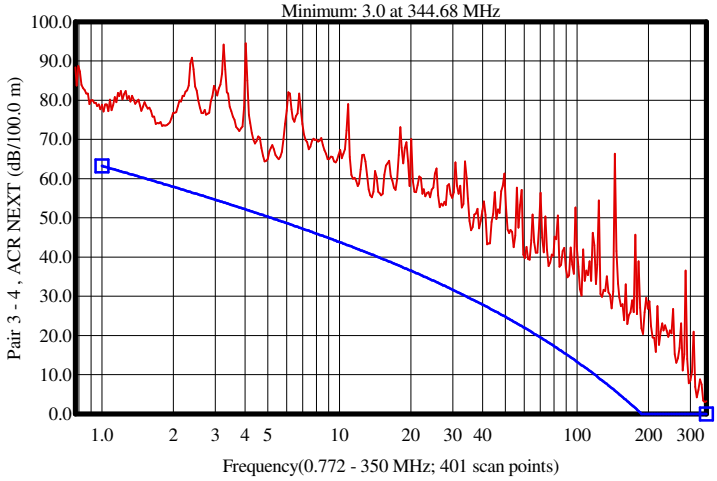
Maximum: 107.2 at 1.99 MHz
Minimum: 10.6 at 274.03 MHz



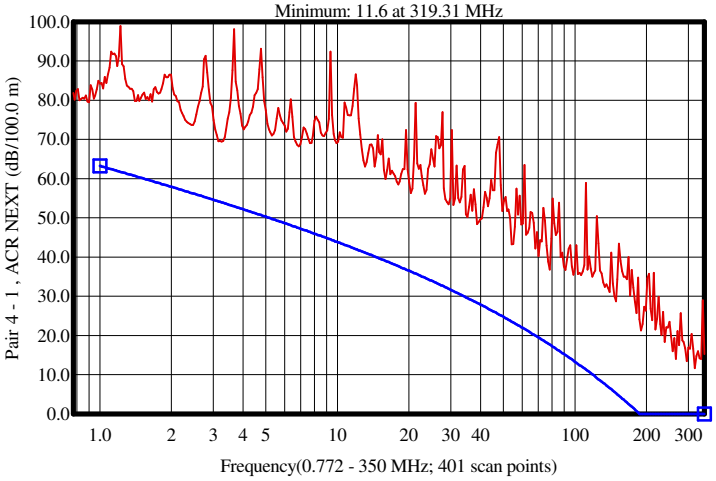
Maximum: 102.0 at 0.900 MHz
Minimum: -2.3 at 334.30 MHz



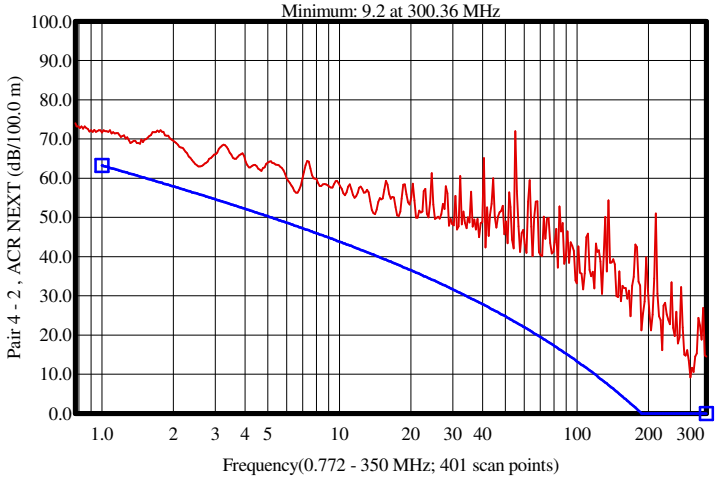
Maximum: 94.5 at 4.03 MHz
Minimum: 3.0 at 344.68 MHz



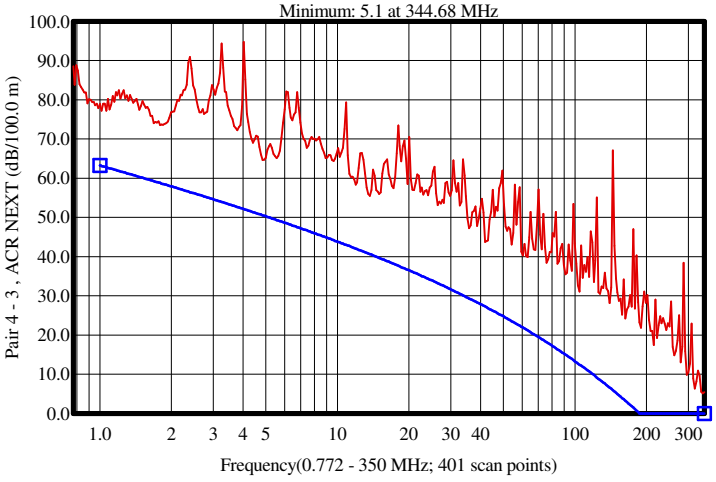
Maximum: 98.9 at 1.22 MHz
Minimum: 11.6 at 319.31 MHz



Maximum: 74.0 at 0.772 MHz
Minimum: 9.2 at 300.36 MHz



Maximum: 94.7 at 4.03 MHz
Minimum: 5.1 at 344.68 MHz



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

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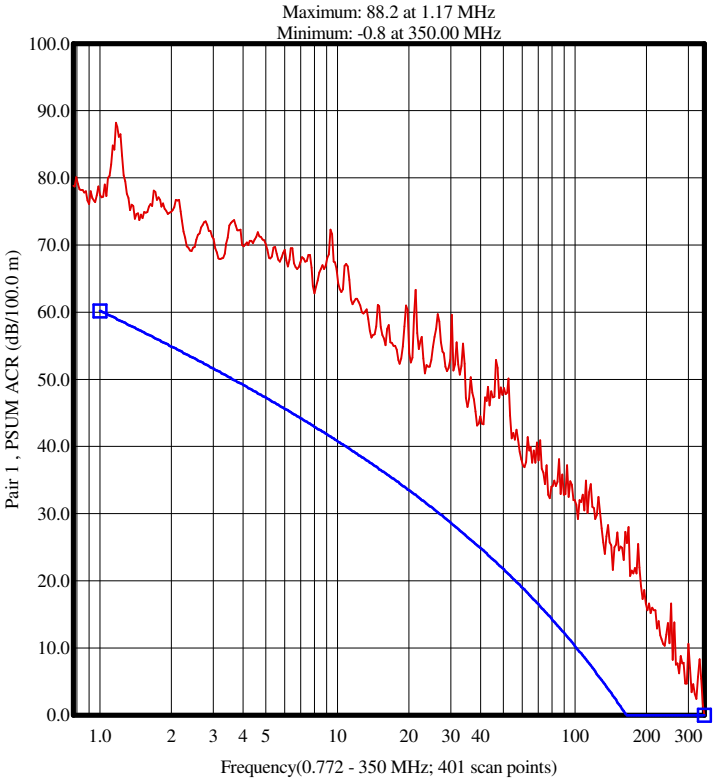
xxx = No entry.

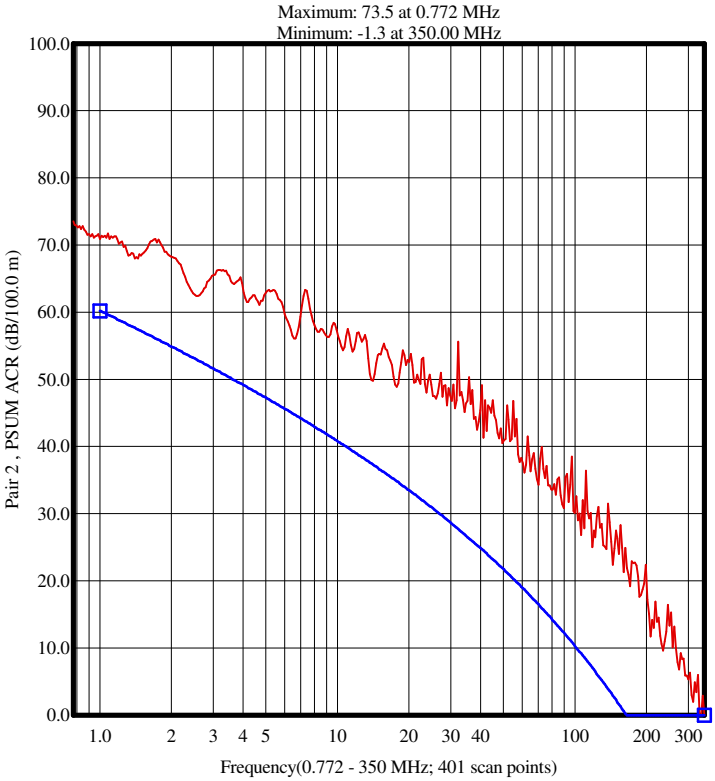
*** = Measured value is invalid.

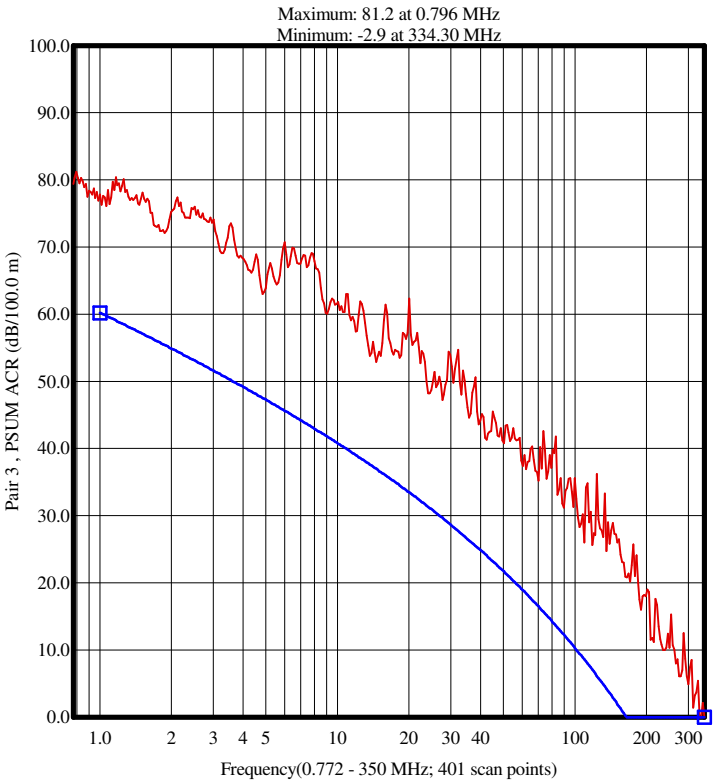
Summary and Graphic: Power Sum ACR (PS ACR)

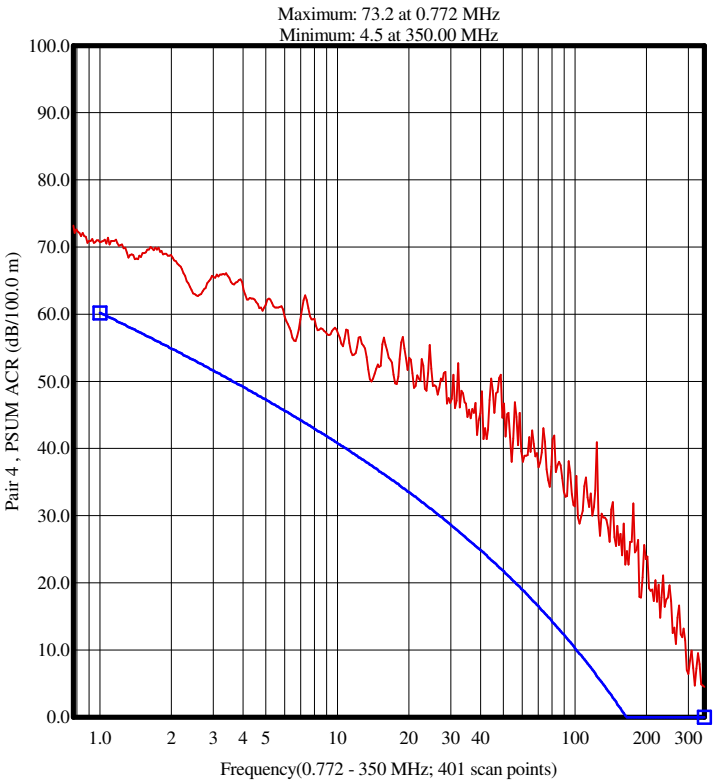
(Formula): PS ACR >= [64.000-15.000*Log(f/0.772)]-[1.967*SQRT(f)+0.023*f+0.050/SQRT(f)]+0.000*Log(f) (Refer to manual)

Pair [Position]	Spec (Min)(dB/100.0 m)	Measured(dB/100.0 m)	Margin (dB/100.0 m)	@ Frequency (MHz)	Test Result
Pair 1 [3]	53.4	69.2	15.8	2.39	Passed
Pair 2 [4]	53.0	62.4	9.4	2.54	Passed
Pair 3 [5]	47.5	63.0	15.5	4.84	Passed
Pair 4 [6]	53.0	62.8	9.8	2.54	Passed









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

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

*** = Measured value is invalid.

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

(Formula):RL>=20.0+5.0*Log(f); 25.0; 25.0-7.0*Log(f/20.0) (Refer to manual)

Frequency	1.00	4.00	10.00	16.00	20.00	25.00	30.00	31.25	62.50	80.00
Min Spec	20.0	23.0	25.0	25.0	25.0	24.3	23.7	23.6	21.5	20.7
Pair 1 [3]	29.8	31.5	37.7	38.6	44.1	37.0	39.0	55.0	34.9	30.2
Pair 2 [4]	31.0	30.0	29.2	30.7	44.1	27.8	37.9	47.8	30.4	28.5
Pair 3 [5]	29.5	32.5	39.2	39.5	46.8	38.5	42.3	46.8	30.7	30.3
Pair 4 [6]	30.5	30.5	39.4	33.2	39.0	36.4	43.8	37.7	35.2	26.1

Continue:Return Loss (RL)(dB)

Frequency	100.00	155.00	200.00	250.00	300.00	350.00				
Min Spec	20.1	18.7	18.0	17.3	16.7	16.2				
Pair 1 [3]	32.5	31.4	30.5	36.8	34.5	38.2				
Pair 2 [4]	31.7	25.5	30.2	31.0	26.0	39.8				
Pair 3 [5]	31.0	32.1	31.5	38.0	47.0	35.4				
Pair 4 [6]	29.5	30.2	30.0	32.0	40.3	45.3				

Detail Discrete Frequencies ---Insertion Loss (IL)(dB/328.1 ft)(Curve Fit)@20C

(Formula): IL <= [(1.967*SQRT(f)) + (0.023*f) + (0.050/SQRT(f))] *1.000 * Stranded Factor (Refer to manual)

Frequency	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Max Spec	2.03	4.05	5.76	6.46	8.24	9.26	10.41	11.72	16.99	21.97
Pair 1 [3]	1.93	3.87	5.51	6.15	7.85	8.77	9.84	11.06	15.81	20.08
Pair 2 [4]	1.85	3.72	5.31	5.92	7.57	8.46	9.49	10.69	15.29	19.49
Pair 3 [5]	1.91	3.84	5.48	6.11	7.80	8.72	9.78	10.99	15.72	19.83
Pair 4 [6]	1.83	3.69	5.25	5.86	7.49	8.36	9.39	10.56	15.12	19.18

Continue:Insertion Loss (IL)(dB/328.1 ft)(Curve Fit)@20C

Frequency	155.00	200.00	240.00	300.00	350.00					
Max Spec	28.05	32.42	35.99	40.97	44.85					
Pair 1 [3]	25.53	29.27	32.30	36.47	39.68					
Pair 2 [4]	24.61	28.21	31.12	35.13	38.22					
Pair 3 [5]	25.42	29.16	32.18	36.35	39.57					
Pair 4 [6]	24.20	27.69	30.51	34.39	37.36					

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

(Formula): NEXT >= 67.000 - 15.000 * Log(f/0.772)

Frequency	1.00	4.00	10.00	16.00	20.00	25.00	30.00	31.25	62.50	80.00
Min Spec	65.3	56.2	50.3	47.2	45.7	44.3	43.1	42.8	38.3	36.7
Pair 1 - 2	81.6	83.6	76.1	65.8	67.2	74.2	69.9	68.5	56.6	52.5
Pair 1 - 3	87.4	77.9	79.9	77.9	74.1	64.3	83.6	73.4	65.7	66.7
Pair 1 - 4	86.1	76.6	75.1	67.9	67.9	76.0	71.2	65.5	61.0	66.8
Pair 2 - 3	92.6	73.8	69.8	73.7	76.8	61.3	69.3	64.7	57.8	59.6
Pair 2 - 4	73.5	68.4	64.1	65.2	63.1	61.1	58.5	57.5	70.9	59.5
Pair 3 - 4	80.7	91.4	72.8	71.9	76.8	69.0	66.3	69.2	55.2	60.6

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

Frequency	100.00	155.00	200.00	250.00	300.00	350.00				
Min Spec	35.3	32.4	30.7	29.3	28.1	27.1				
Pair 1 - 2	54.6	54.7	49.8	48.8	50.3	39.0				
Pair 1 - 3	62.4	54.2	48.7	45.9	53.5	59.1				
Pair 1 - 4	56.8	64.4	57.4	54.7	51.0	52.6				
Pair 2 - 3	57.5	66.3	57.9	47.6	44.6	41.3				
Pair 2 - 4	53.1	55.7	57.0	64.5	43.9	51.9				
Pair 3 - 4	62.2	53.3	56.7	53.4	44.8	42.8				

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

(Formula): PSNEXT >= 64.00 - 15.00 * Log(f/0.772)

Frequency	1.00	4.00	10.00	16.00	20.00	25.00	30.00	31.25	62.50	80.00
Min Spec	62.3	53.2	47.3	44.2	42.7	41.3	40.1	39.8	35.3	33.7
Pair 1 [3]	79.5	73.7	71.5	63.5	63.8	63.6	66.0	63.3	54.8	52.0
Pair 2 [4]	72.8	67.2	62.8	62.0	61.1	58.0	57.8	56.4	54.0	51.0
Pair 3 [5]	79.6	72.1	67.7	69.0	70.2	59.0	64.2	62.9	53.0	56.4
Pair 4 [6]	72.5	67.7	63.3	62.7	61.6	60.2	57.4	56.6	54.1	56.4

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--- = Disable/Bypassed Pair.

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xxx = No entry.

*** = Measured value is invalid.

Continue:Power Sum NEXT(PSNEXT)(dB)

Frequency	100.00	155.00	200.00	250.00	300.00	350.00				
Min Spec	32.3	29.4	27.7	26.3	25.1	24.1				
Pair 1 [3]	52.0	50.5	45.4	43.8	46.6	38.8				
Pair 2 [4]	49.8	51.8	48.5	45.1	40.5	36.8				
Pair 3 [5]	55.2	50.3	47.6	43.2	41.3	38.9				
Pair 4 [6]	51.0	51.0	51.3	50.8	40.8	41.9				

Detail Discrete Frequencies ---ATT to NEXT Ratio (ACR)(dB/100.0 m)

(Formula): ACR(next) >= (1.000 * NEXT Formula) - (1.000 * IL Formula) + 0.000 (Refer to manual)

Frequency	1.00	4.00	10.00	16.00	20.00	25.00	30.00	31.25	62.50	80.00
Min Spec	63.2	52.2	43.8	39.0	36.5	33.9	31.6	31.1	21.3	17.3
Pair 1 - 2	79.7	79.7	69.9	57.9	58.4	64.2	59.0	57.4	40.7	34.5
Pair 1 - 3	85.4	74.0	73.8	70.0	65.3	54.4	72.7	62.3	49.8	48.7
Pair 1 - 4	84.2	72.7	68.9	60.0	59.1	66.1	60.4	54.5	45.1	48.8
Pair 2 - 1	79.8	79.9	70.1	58.2	58.7	64.6	59.4	57.8	41.2	35.1
Pair 2 - 3	90.7	70.0	63.8	66.1	68.3	51.8	58.9	53.9	42.4	42.1
Pair 2 - 4	71.6	64.7	58.2	57.6	54.6	51.6	48.0	46.8	55.6	42.0
Pair 3 - 1	85.4	74.0	73.8	70.0	65.3	54.5	72.8	62.3	49.9	48.7
Pair 3 - 2	90.6	69.9	63.7	65.8	68.1	51.5	58.5	53.6	42.0	41.6
Pair 3 - 4	78.7	87.6	66.6	64.0	68.0	59.2	55.5	58.1	39.4	42.6
Pair 4 - 1	84.2	72.9	69.1	60.4	59.5	66.5	60.8	55.0	45.8	49.6
Pair 4 - 2	71.6	64.7	58.3	57.7	54.7	51.7	48.1	46.9	55.8	42.3
Pair 4 - 3	78.8	87.7	66.8	64.3	68.4	59.6	55.9	58.6	40.0	43.4

Continue:ATT to NEXT Ratio (ACR)(dB/100.0 m)

Frequency	100.00	155.00	200.00	250.00	300.00	350.00				
Min Spec	13.3	4.4	-1.6	-7.5	-12.8	-17.6				
Pair 1 - 2	34.5	29.1	20.5	15.8	13.8	-0.6				
Pair 1 - 3	42.2	28.6	19.4	12.9	17.0	19.4				
Pair 1 - 4	36.6	38.7	28.1	21.6	14.5	12.9				
Pair 2 - 1	35.1	30.0	21.6	17.0	15.1	0.8				
Pair 2 - 3	37.9	41.7	29.6	15.7	9.5	3.0				
Pair 2 - 4	33.6	31.0	28.7	32.6	8.7	13.6				
Pair 3 - 1	42.5	28.7	19.5	13.0	17.1	19.6				
Pair 3 - 2	37.5	40.9	28.7	14.6	8.2	1.7				
Pair 3 - 4	42.3	27.8	27.5	20.5	8.4	3.2				
Pair 4 - 1	37.5	40.1	29.6	23.4	16.6	15.2				
Pair 4 - 2	33.9	31.4	29.2	33.3	9.5	14.5				
Pair 4 - 3	43.0	29.1	29.0	22.2	10.4	5.4				

Detail Discrete Frequencies ---Power Sum ACR (PS ACR)(dB/100.0 m)

(Formula): PS ACR >= [64.000-15.000*Log(f/0.772)]-[1.967*SQRT(f)+0.023*f+0.050/SQRT(f)]+0.000*Log(f) (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	60.2	49.2	43.0	40.8	36.0	33.5	30.9	28.1	18.3	10.3
Pair 1 [3]	77.5	69.8	62.9	65.3	55.6	55.0	53.6	52.2	38.9	31.9
Pair 2 [4]	70.9	63.4	58.1	56.9	54.4	52.6	48.4	45.7	38.7	30.2
Pair 3 [5]	77.7	68.2	68.0	61.6	61.1	61.4	49.2	51.9	37.2	35.3
Pair 4 [6]	70.7	64.0	59.2	57.4	55.2	53.1	50.8	46.0	38.9	31.7

Continue:Power Sum ACR (PS ACR)(dB/100.0 m)

Frequency	155.00	200.00	250.00	300.00	350.00					
Min Spec	1.4	-4.6	-10.5	-15.8	-20.6					
Pair 1 [3]	24.9	16.1	10.7	10.1	-0.8					
Pair 2 [4]	27.1	20.3	13.3	5.3	-1.3					
Pair 3 [5]	24.8	18.4	10.3	4.9	-0.6					
Pair 4 [6]	26.8	23.6	19.5	6.4	4.5					

N/A = Not Applicable.
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