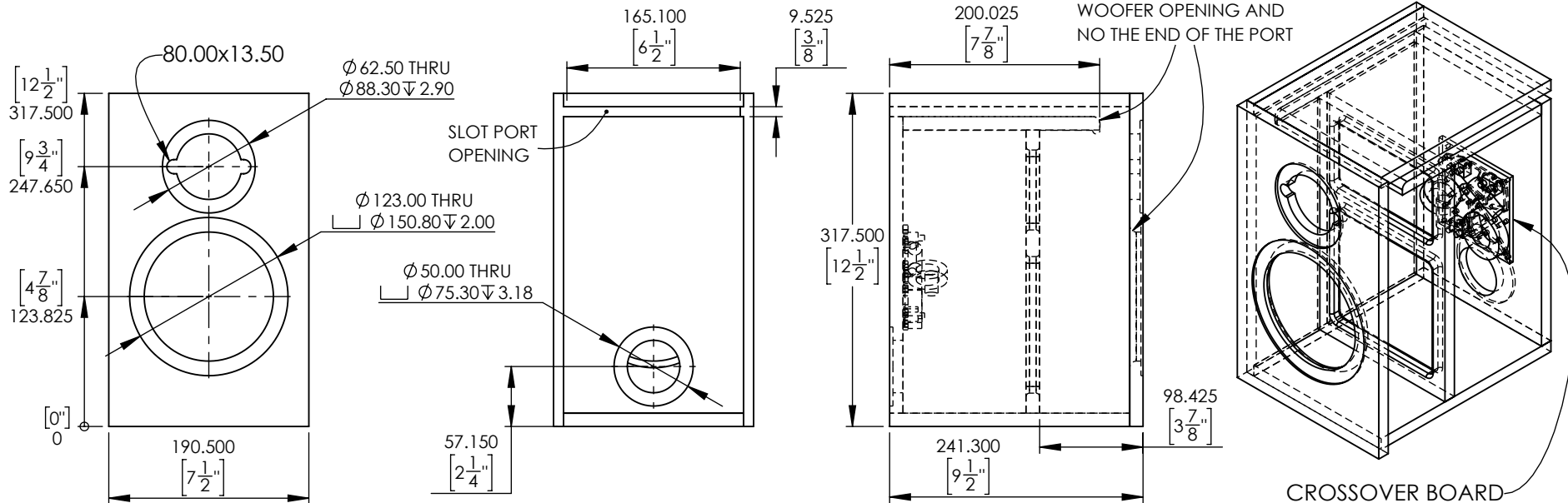


SOLEN MURA 5B - SUMMARIZED PLANS

D

C



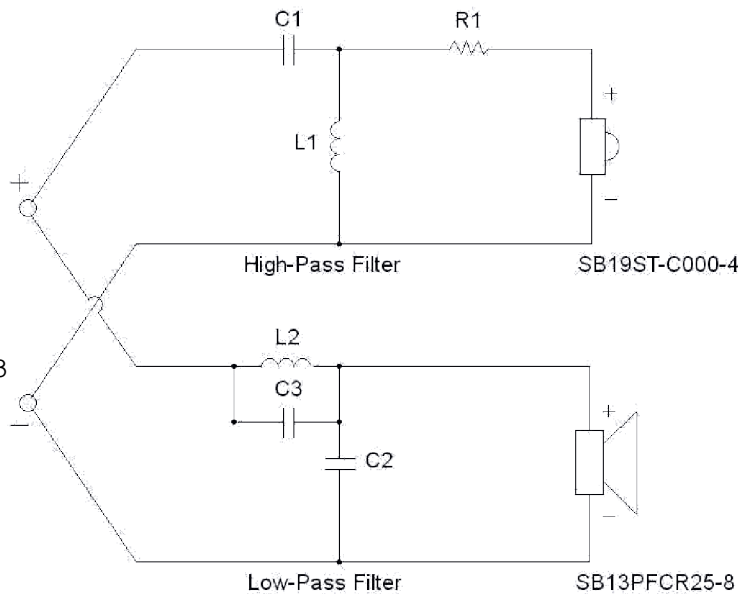
WIRING

WIRING LENGTH TO USE THE ENTIRE 8' OF CABLE THAT COMES WITH THE KIT.
 INPUT : 12" // TWEETER : 18" // WOOFER : 18"

CROSSOVER PARTS LIST

- C1 : PENT160J565
- C2 : PENT160J685
- C3 : PPE033 (OPTIONAL)
- L1 : S20.33 (0.28ΩDCR)
- L2 : S201.5 (0.91ΩDCR)
- R1 : MO1000J4R3

YOU CAN USE OR NOT C3 TO AFFECT TO TONALITY OF THE SOUND. MORE INFORMATION ON THE NEXT PAGE



PARTS LIST

- TWEETER : SB Acoustics SB19ST-C000-4
- WOOFER : SB Acoustics SB13PFCR25-8
- CROSSOVER BOARD : MURA 5B CROSSOVER BOARD
- TERMINAL : RPT17GAS
- DAMPING : DAMPING PAD & POLYESTER
- BUILDING MATERIAL : 1/2" MDF



DAMPING PAD INSTALLATION SUGGESTION (OPTIONAL)

- ON THE SIDES IN FRONT AND AT THE BACK OF THE BRACE
- ON THE BACK
- ON THE UNDER SIDE OF THE PORT AT THE BACK OF THE BRACE
- ON THE BOTTOM IN FRONT AND AT THE BACK OF THE BRACE

DAMPING MATERIAL SUGGESTION

- 21"X12" OF POLYESTER BATTING STUFFED BEHIND THE BRACE

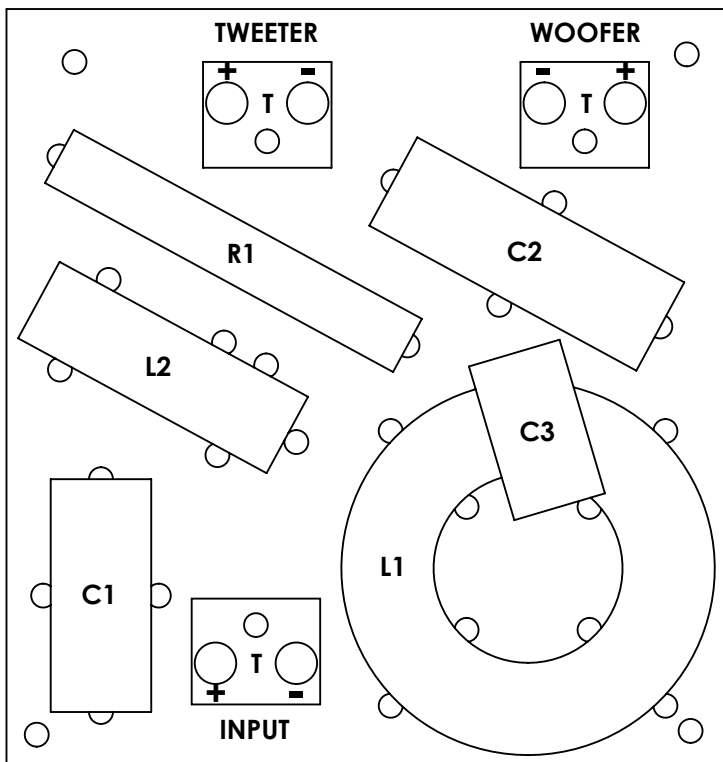
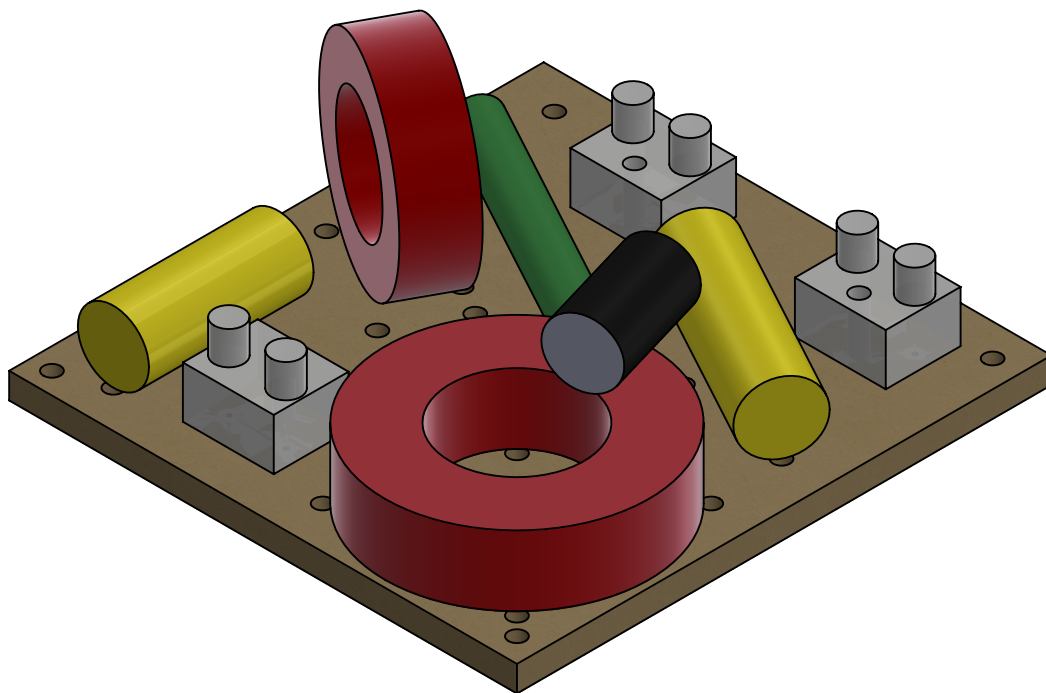
A

Legal Owner:  SOLEN ÉLECTRONIQUE INC., 3940 BLVD. SIR-WILFRID-LAURIER, (450) 656-2759 solen@solen.ca	Description: SOLE MURA 5B - SUMMARIZED PLANS	Projection Method: THIRD ANGLE 
	This drawing and any information or descriptive material set out on it are the confidential and copyright property of Solen Électronique INC. and MUST NOT BE DISCLOSED, COPIED, LOANED in whole or part or used for any purpose without the written permission of Solen Électronique INC.	Drawing Scale: 1:6
		Material: 1/2" MDF
		Drawn by: LAURENT TARDIF
	Drawn Date: 2025-01-22	Sheet Size: LETTER
	Sheet: 1 of 6	Revision: #1



6 | 5 | 4 | 3 | 2 | 1

SOLEN MURA 5B - CROSSOVER

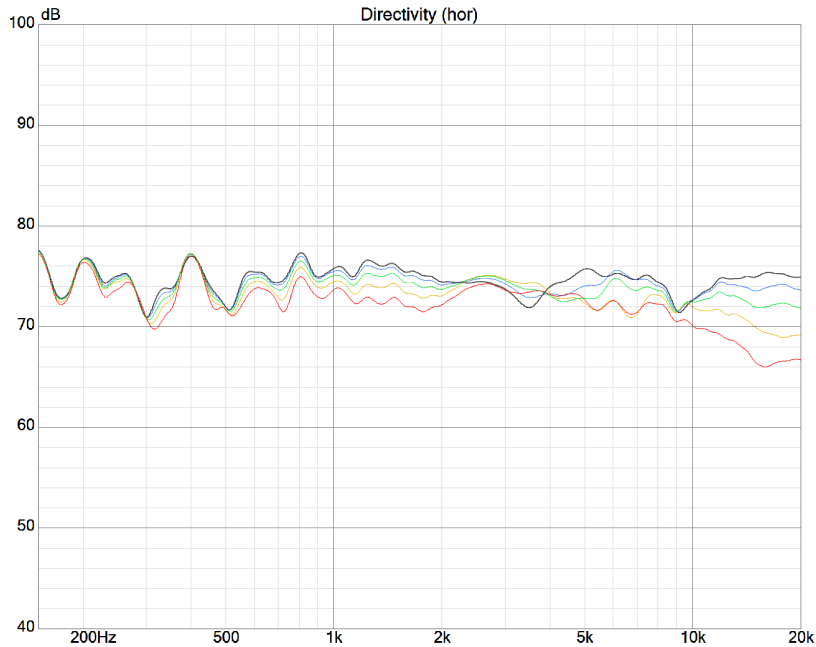
MAKE SURE TO REMOVE THE RED ENAMEL ON THE INDUCOTRS WHERE IT IS SOLDERED



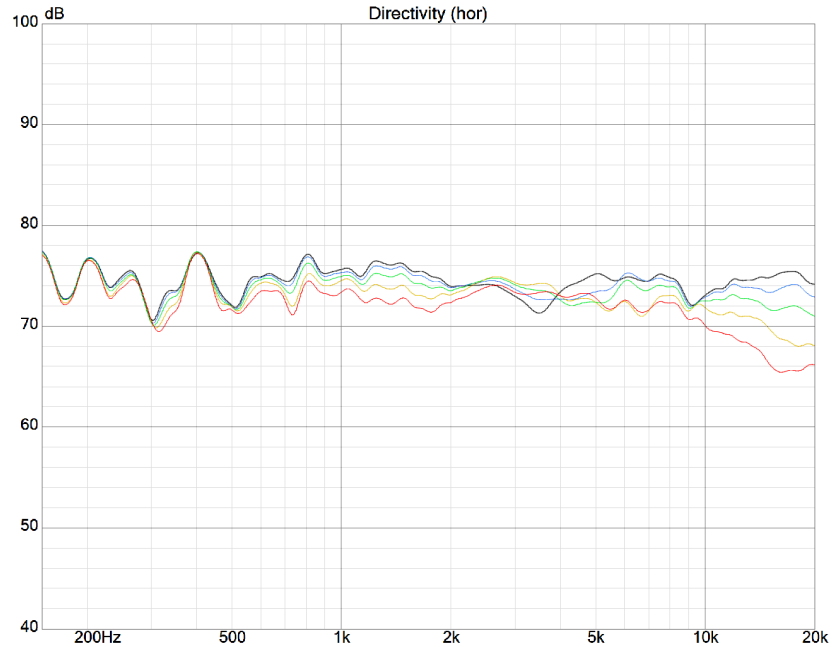
IF C3 IS USED IN THE CROSSOVER, PUT THE LEADS IN THE OPENINGS FOR L1. IF POSSIBLE, HAVE THE CAPACITOR HOVER OVER THE INDUCTOR IN ORDER TO PREVENT A VIBRATION NOISE. IT CAN ALSO BE HOLD IN PLACE WITH A TIE WRAP.

Legal Owner:  SOLEN ÉLECTRONIQUE INC., 3940 BLVD. SIR-WILFRID-LAURIER, (450) 656-2759 solen@solen.ca	Description: SOLE MURA 5B - CROSSOVER	Projection Method: THIRD ANGLE 
	Drawing Scale: 1:1	All Dimensions: mm [in]
	Material: 1/2" MDF	
	Drawn by: LAURENT TARDIF	
	Drawn Date: 2025-01-22	Sheet Size: LETTER
Sheet: 2 of 6	Revision: #1	

SOLEN MURA 5B - FREQUENCY RESPONSE



NO C3



WITH C3



SENSITIVITY (2.83V AT 1M AT 1kHz) : 86.5dB

C3 IS OPTIONAL IN THIS DESIGN. ITS IMPACT ON THE MEASUREMENTS IS NOT SIGNIFICANT, BUT IT CHANGES THE TONALITY OF THE SPEAKER IN THE UPPER RANGE OF THE VOCALS.

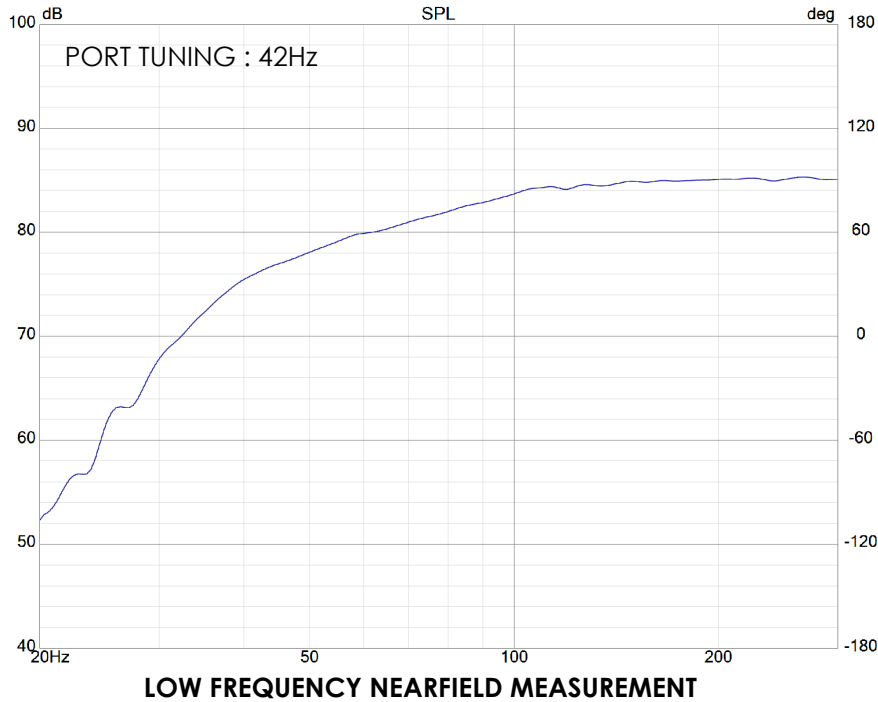
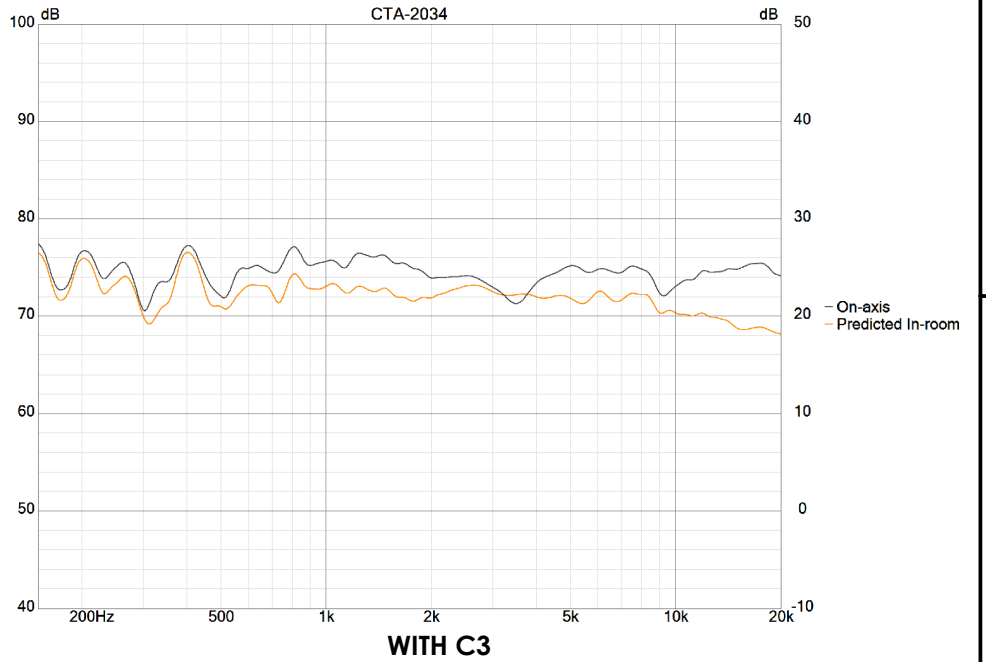
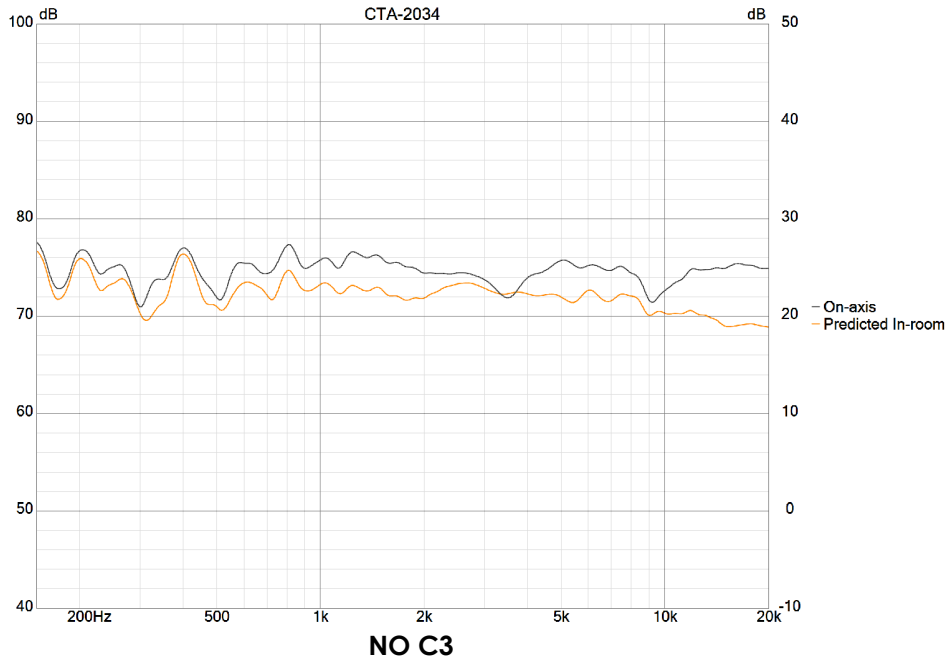
HAVING C3 IN THE CROSSOVER MAKES THE UPPER MIDRANGE MORE FORWARD AND THE VOCALS CLEARER. OVERALL THE SOUND SEEMS MORE DETAILED.


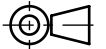
REMOVING C3 MAKES THE SOUND SMOOTHER AND GIVES A WARMER SOUND.

THE BEST WAY TO FIND WHICH ONE YOU PREFER IS TO TRY BOTH.

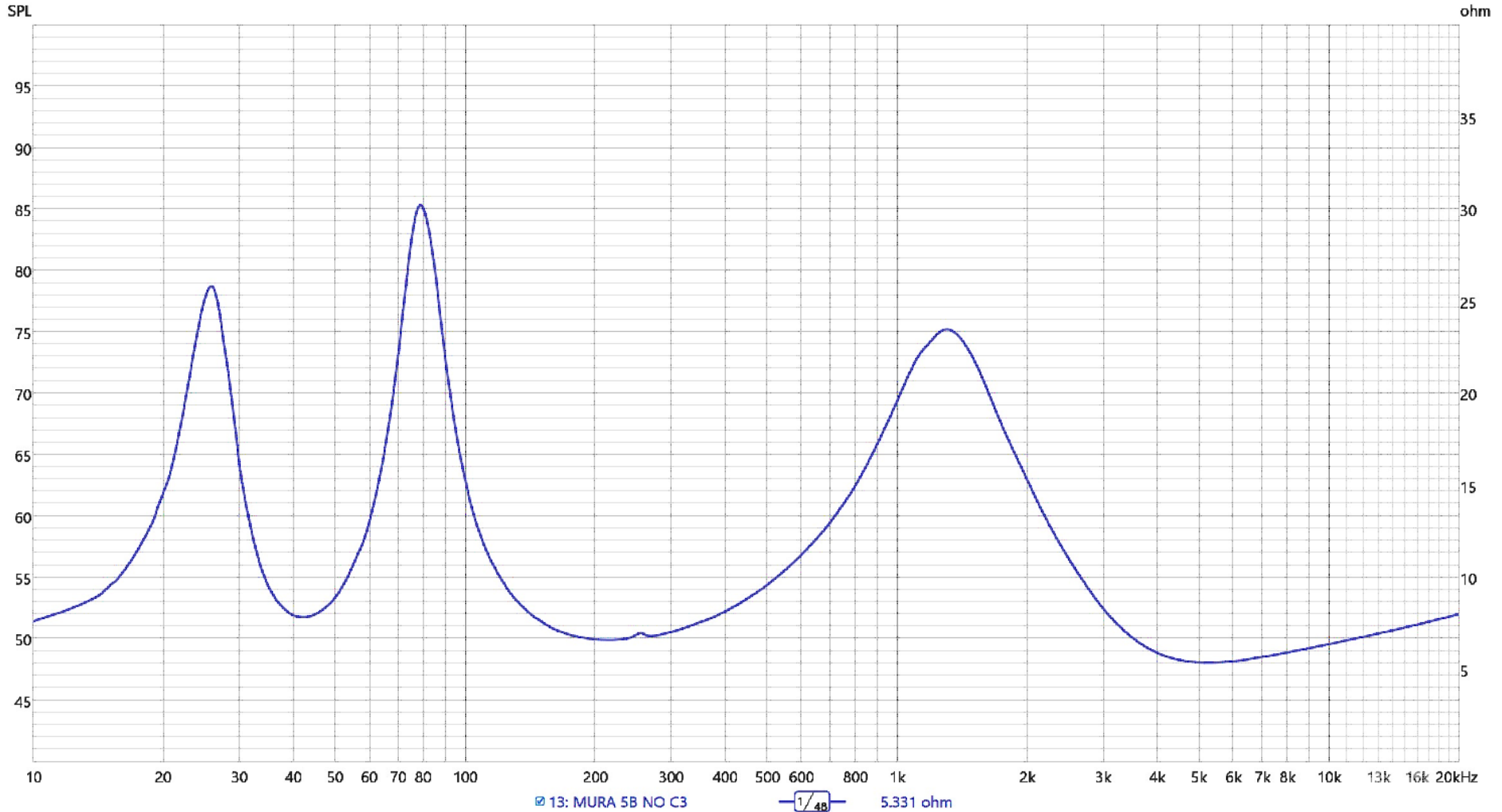
Legal Owner:  SOLEN ÉLECTRONIQUE INC., 3940 BLVD. SIR-WILFRID-LAURIER, (450) 656-2759 solen@solen.ca	Description: SOLE MURA 5B - FREQUENCY RESPONSE	Projection Method: THIRD ANGLE 	
	This drawing and any information or descriptive material set out on it are the confidential and copyright property of Solen Électronique INC. and MUST NOT BE DISCLOSED, COPIED, LOANED in whole or part or used for any purpose without the written permission of Solen Électronique INC.	Drawing Scale: 1:6	All Dimensions: mm [in]
		Material: 1/2" MDF	
		Drawn by: LAURENT TARDIF	
		Drawn Date: 2025-01-22	Sheet Size: LETTER
	Sheet: 3 of 6	Revision: #1	

SOLEN MURA 5B - PREDICTED IN-ROOM





<p>Legal Owner:</p>  <p>SOLEN ÉLECTRONIQUE INC., 3940 BLVD. SIR-WILFRID-LAURIER, (450) 656-2759 solen@solen.ca</p>	<p>Description:</p> <p>SOLEN MURA 5B - PREDICTED IN-ROOM</p>	<p>Projection Method:</p> <p>THIRD ANGLE </p>
	<p>This drawing and any information or descriptive material set out on it are the confidential and copyright property of Solen Électronique INC. and MUST NOT BE DISCLOSED, COPIED, LOANED in whole or part or used for any purpose without the written permission of Solen Électronique INC.</p>	<p>Drawing Scale: 1:6</p> <p>All Dimensions: mm [in]</p>
	<p>Material: 1/2" MDF</p>	<p>Drawn by:</p> <p>LAURENT TARDIF</p>
	<p>Drawn Date:</p> <p>2025-01-22</p>	<p>Sheet Size:</p> <p>LETTER</p>
	<p>Sheet: 4 of 6</p>	<p>Revision: #1</p>

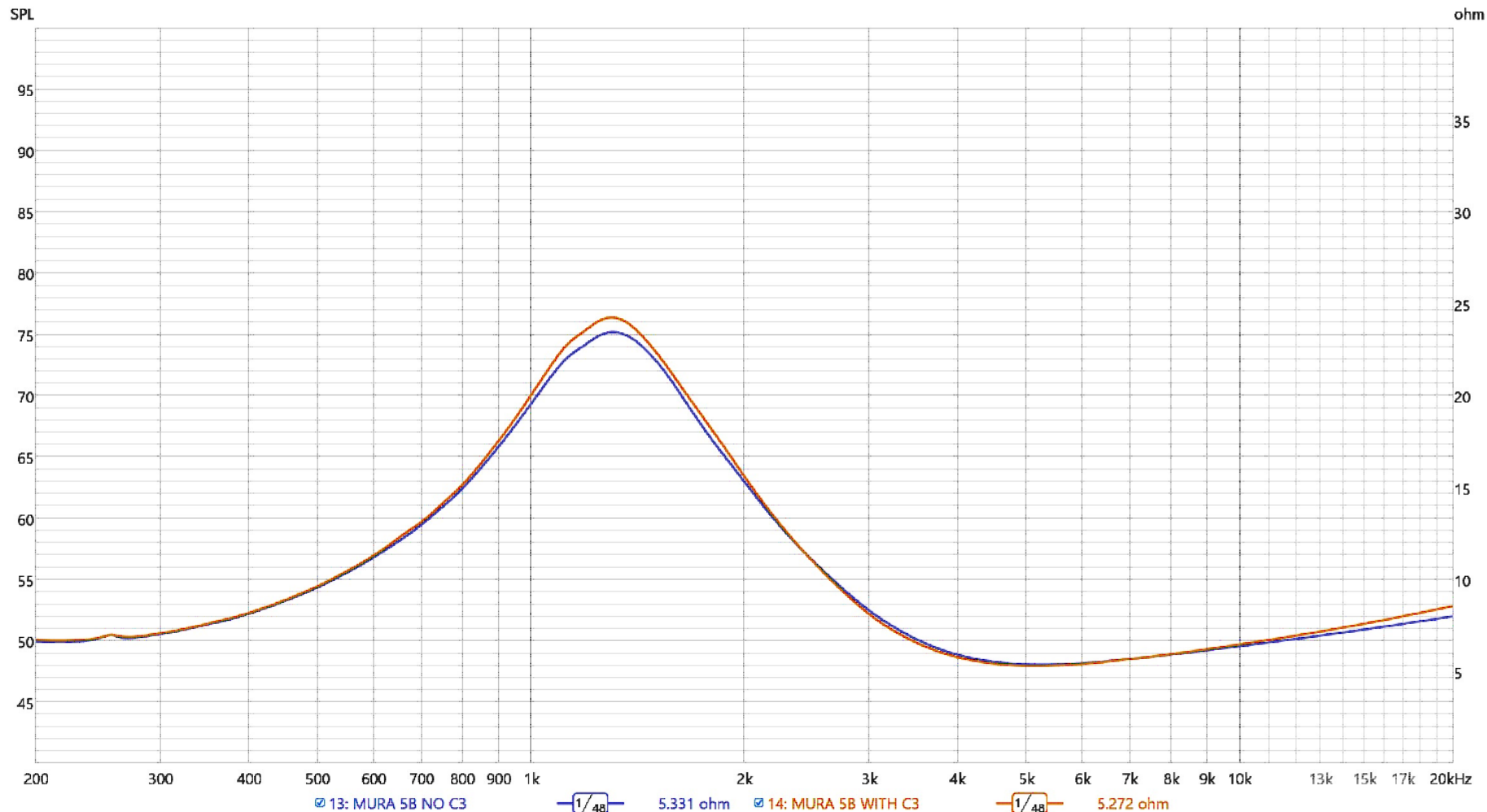
SOLEN MURA 5B - IMPEDANCE


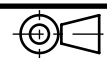


NOMINAL IMPEDANCE : 8Ω
 MINIMUM IMPEDANCE : 5.3Ω AT 5.3kHz

Legal Owner:  SOLEN ÉLECTRONIQUE INC., 3940 BLVD. SIR-WILFRID-LAURIER, (450) 656-2759 solen@solen.ca	Description: SOLEN MURA 5B - IMPEDANCE	Projection Method: THIRD ANGLE 
	This drawing and any information or descriptive material set out on it are the confidential and copyright property of Solen Électronique INC. and MUST NOT BE DISCLOSED, COPIED, LOANED in whole or part or used for any purpose without the written permission of Solen Électronique INC.	Drawing Scale: 1:6 All Dimensions: mm [in]
		Material: 1/2" MDF
		Drawn by: LAURENT TARDIF
		Drawn Date: 2025-01-22
		Sheet Size: LETTER
		Sheet: 5 of 6 Revision: #1

SOLEN MURA 5B - IMPEDANCE COMPARISON WITH AND WITHOUT C3



<p>Legal Owner:</p>  <p>SOLEN ÉLECTRONIQUE INC., 3940 BLVD. SIR-WILFRID-LAURIER, (450) 656-2759 solen@solen.ca</p>	<p>Description:</p> <p>SOLEN MURA 5B - IMPEDANCE COMPARISON</p>	<p>Projection Method:</p> <p>THIRD ANGLE </p>
	<p>This drawing and any information or descriptive material set out on it are the confidential and copyright property of Solen Électronique INC. and MUST NOT BE DISCLOSED, COPIED, LOANED in whole or part or used for any purpose without the written permission of Solen Électronique INC.</p>	<p>Drawing Scale: 1:6</p> <p>All Dimensions: mm [in]</p>
	<p>Material: 1/2" MDF</p>	<p>Drawn by:</p> <p>LAURENT TARDIF</p>
	<p>Drawn Date:</p> <p>2025-01-22</p>	<p>Sheet Size:</p> <p>LETTER</p>
	<p>Sheet: 6 of 6</p>	<p>Revision: #1</p>