



UIC SUSTAINABILITY  
**LOWNOISEPAD Annex A**  
**Graphic Reference Guide for ÖBB**

October 2023



INTERNATIONAL UNION  
OF RAILWAYS

**Citation style**

International Union of Railways (UIC), Sustainability, *LOWNOISEPAD Annex A: Graphic Reference Guide for ÖBB*, 2023.

ISBN 978-2-7461-3330-3

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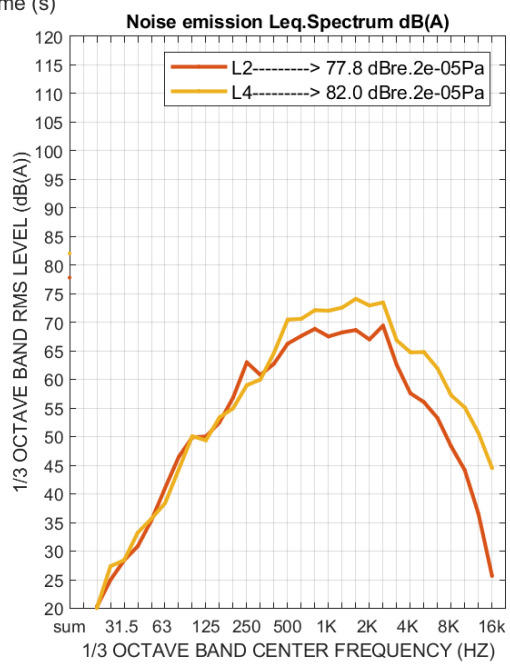
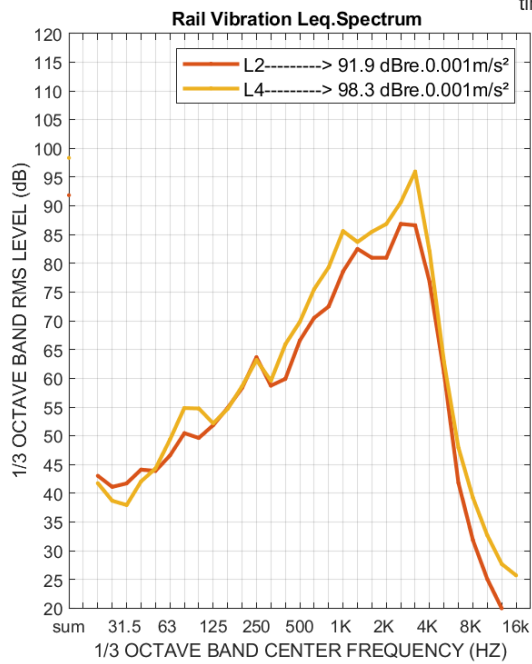
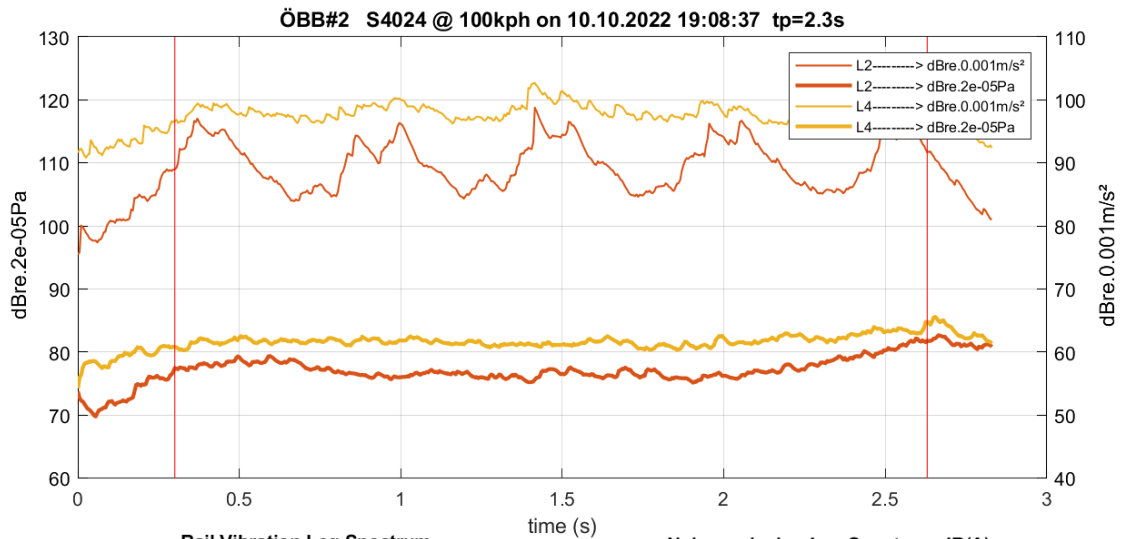
This annex, provided in a separate document, gives a detailed and graphic overview of the pass by data collected from each project member throughout the project. All results showing the noise reduction and detailed pass-by analysis, calculated on the basis of the data available in the LOWNOISEPAD software tool, are shown in a graph format for each type of rolling stock, given in an individual section for each PP (alongside Chapter 7 of this report). This annex should be used alongside the information gathered as part of the project carried out by UIC and the 12 project participants. It is not recommended to carry out analysis without first having reviewed the LOWNOISEPAD final report and the **Annex B**, and also without consulting and receiving authorisation from the project participants and UIC.

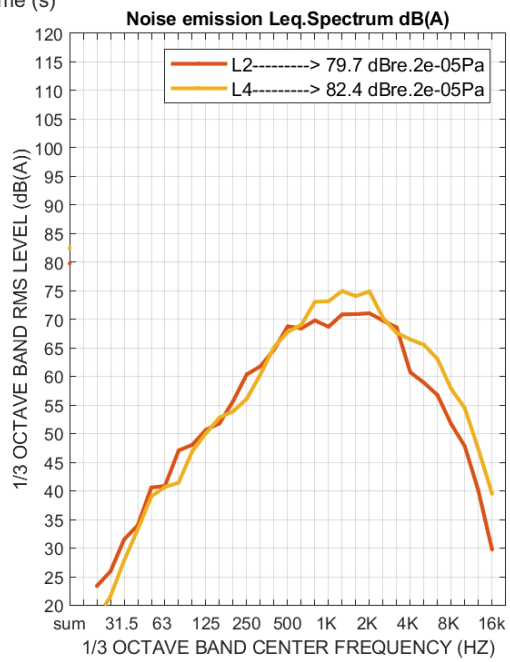
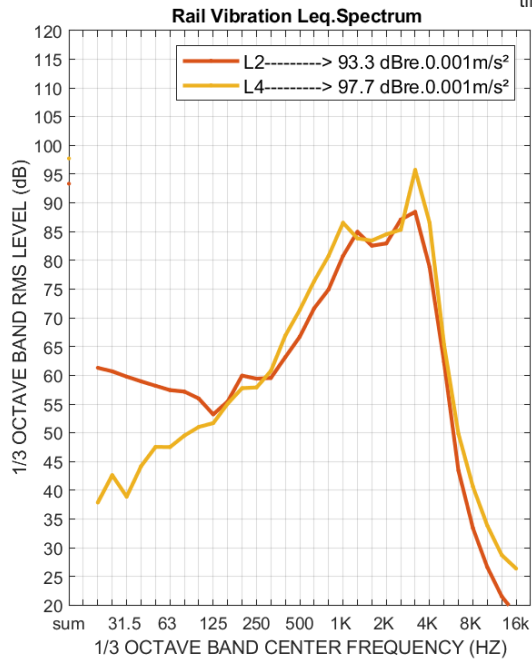
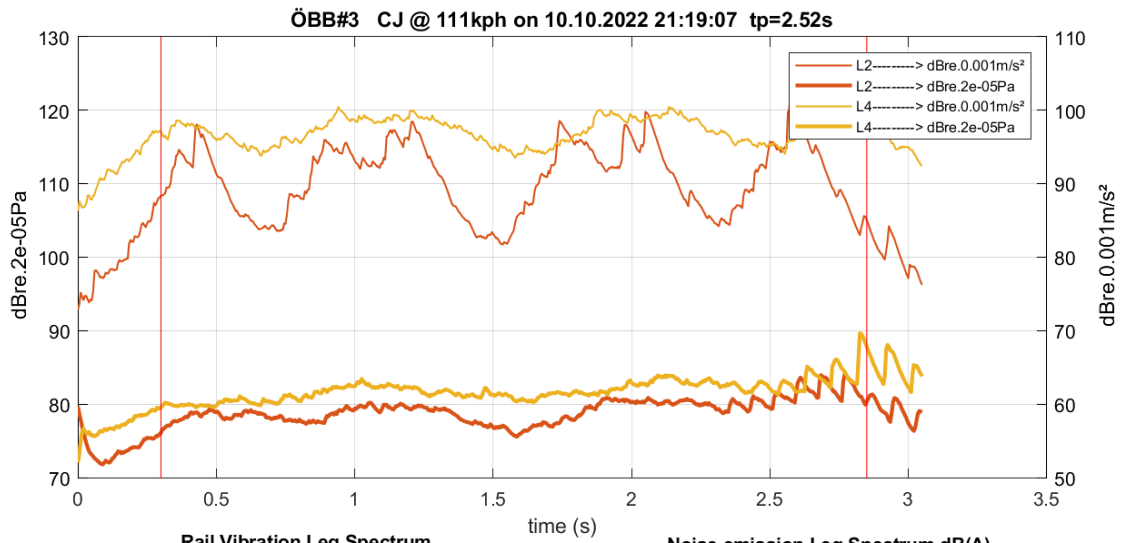


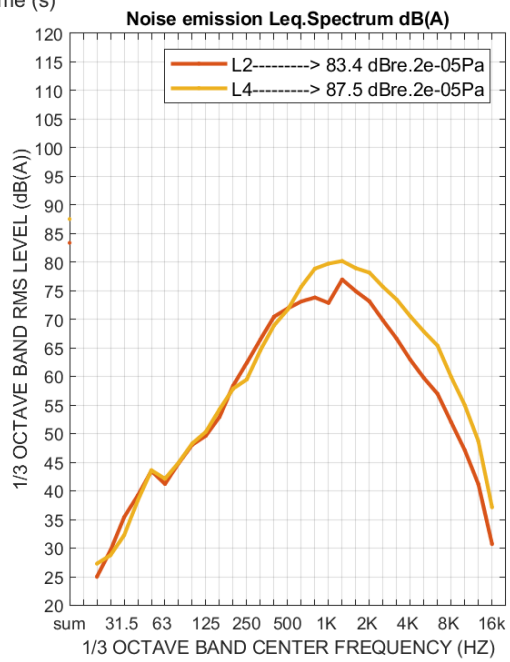
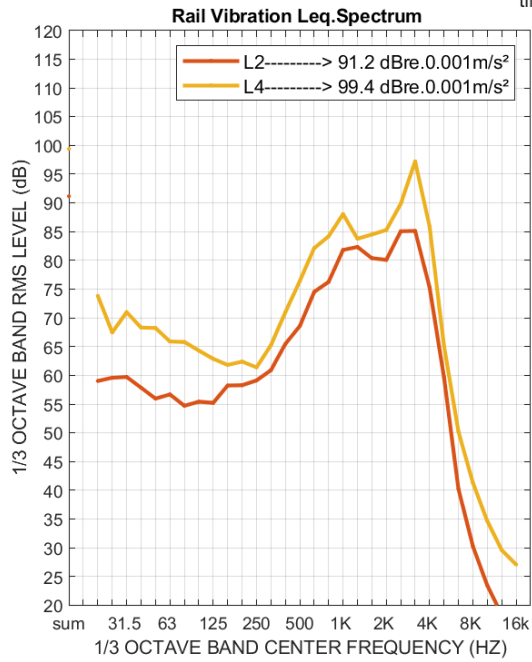
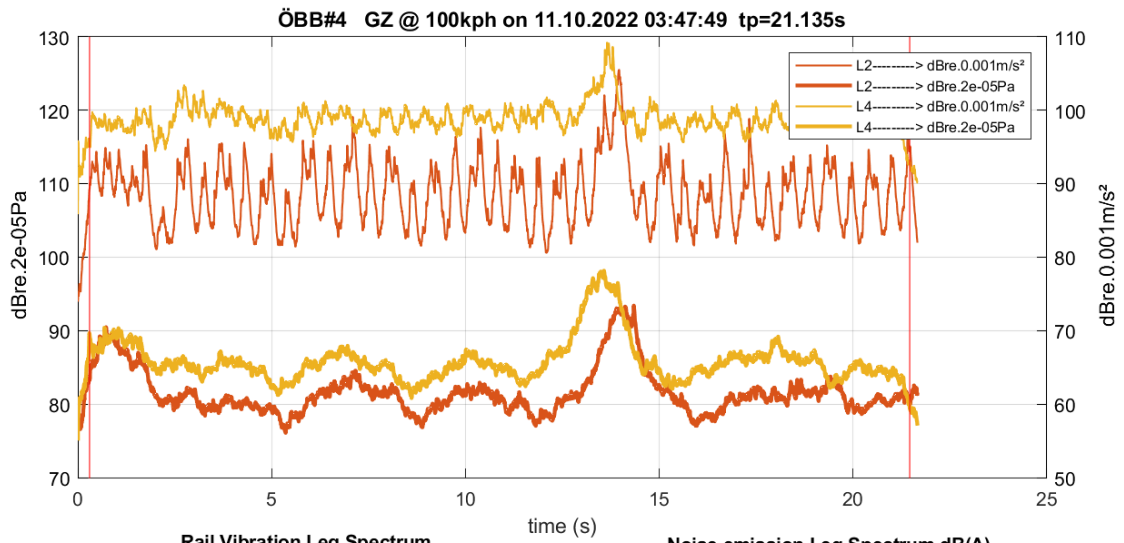
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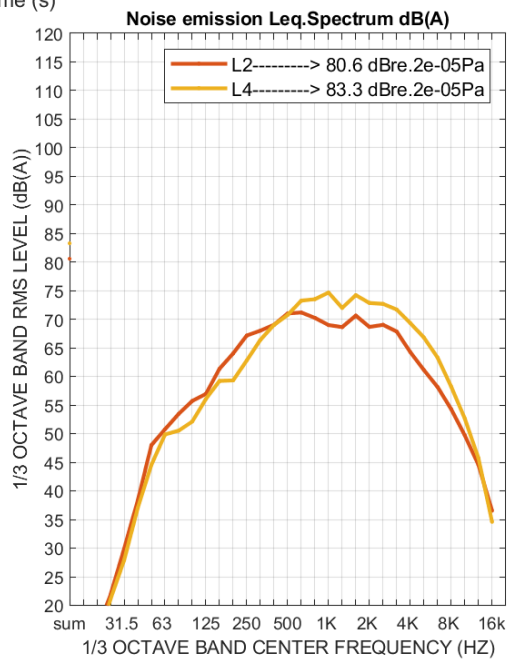
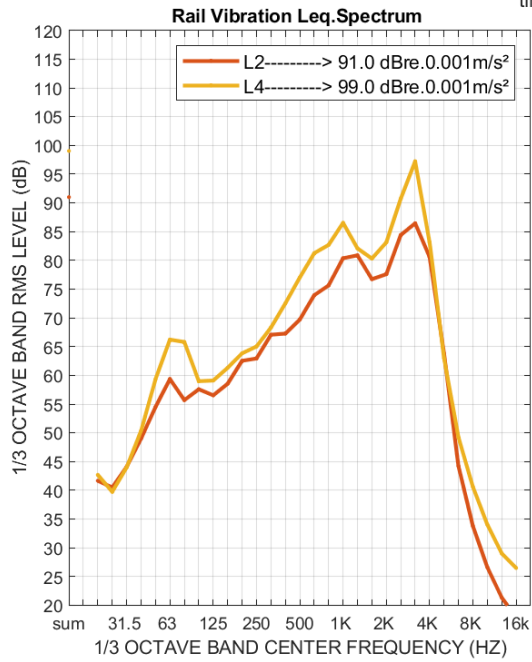
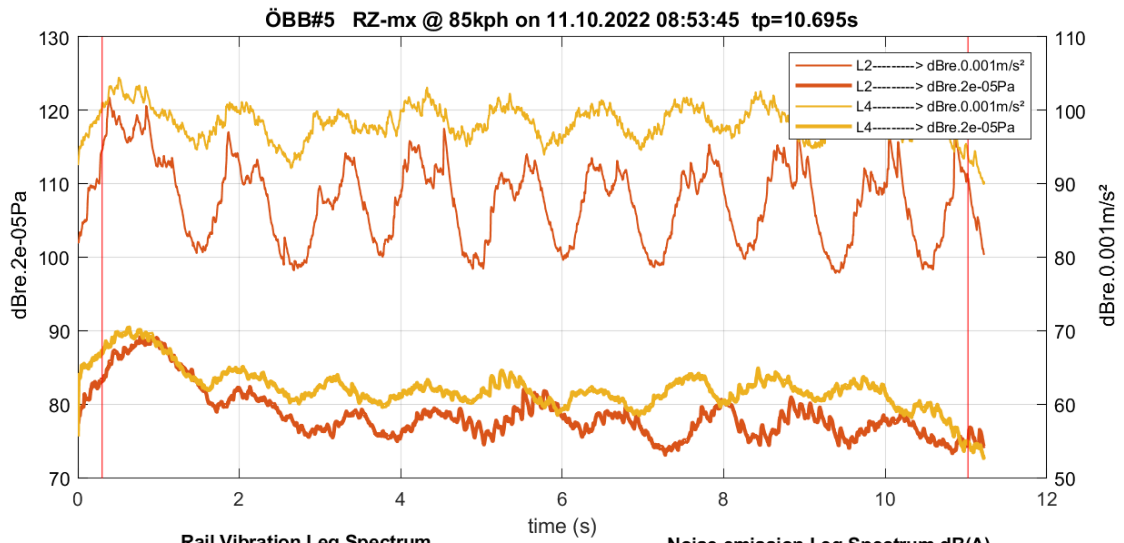
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# 1. ÖBB, AUSTRIA - DETAILED PASS-BY PLOTS

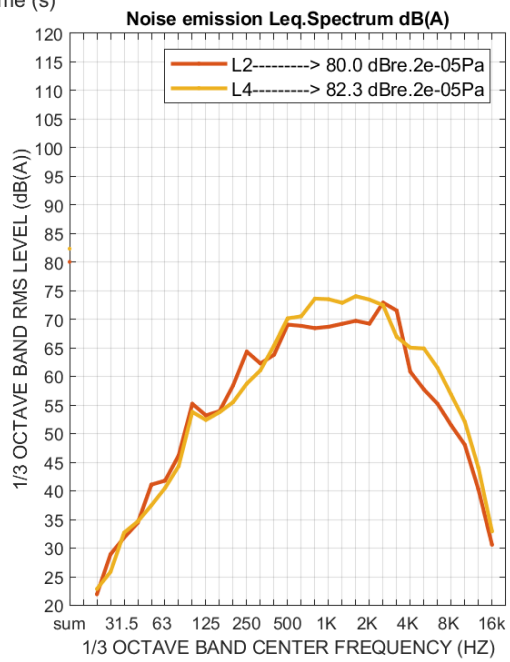
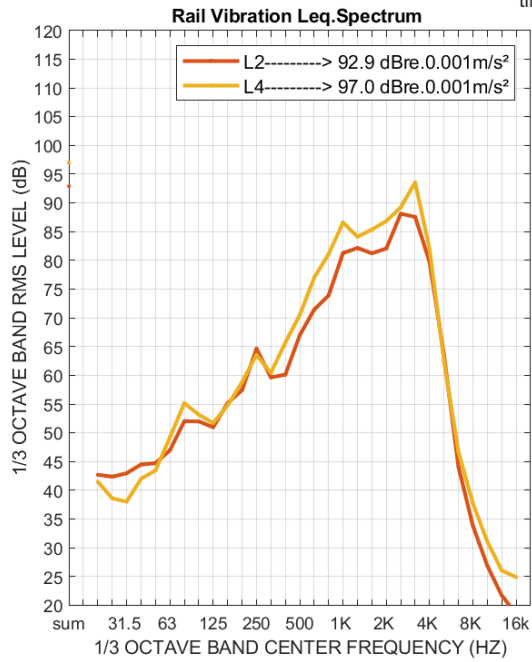
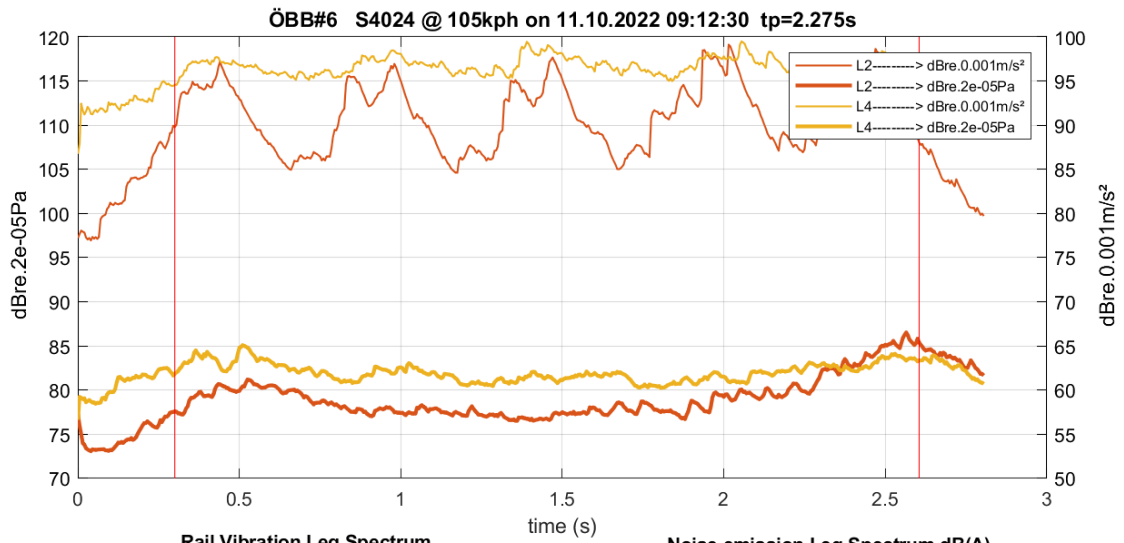


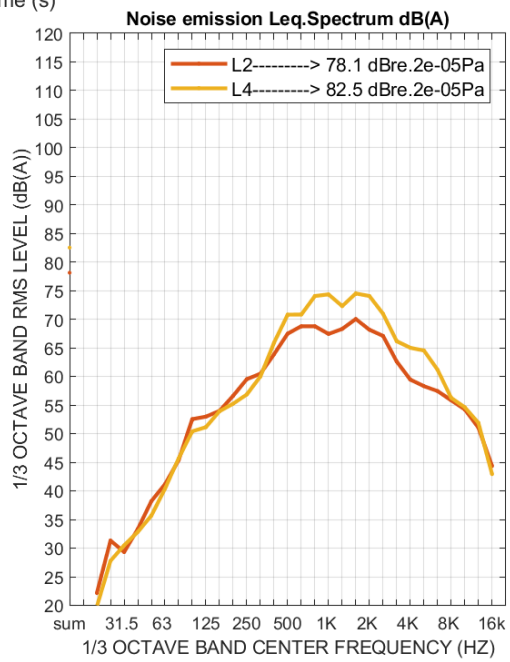
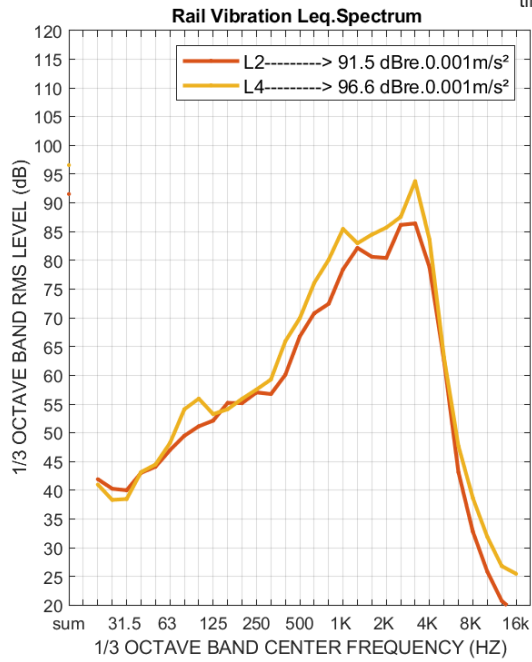
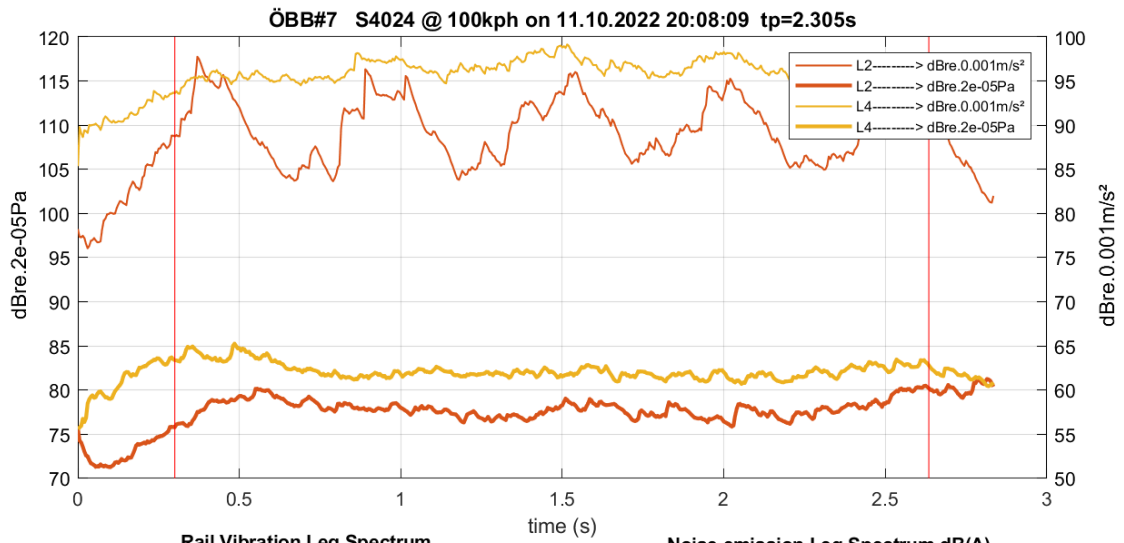


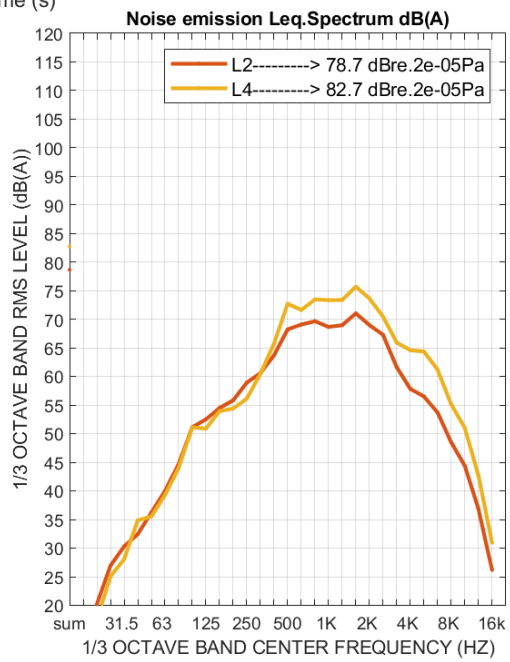
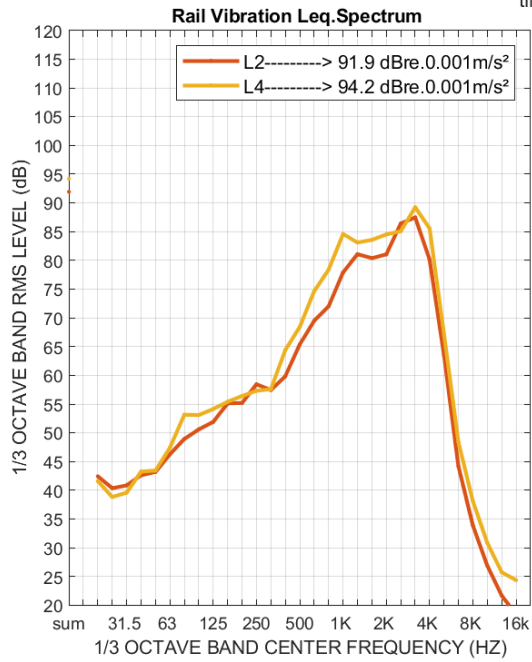
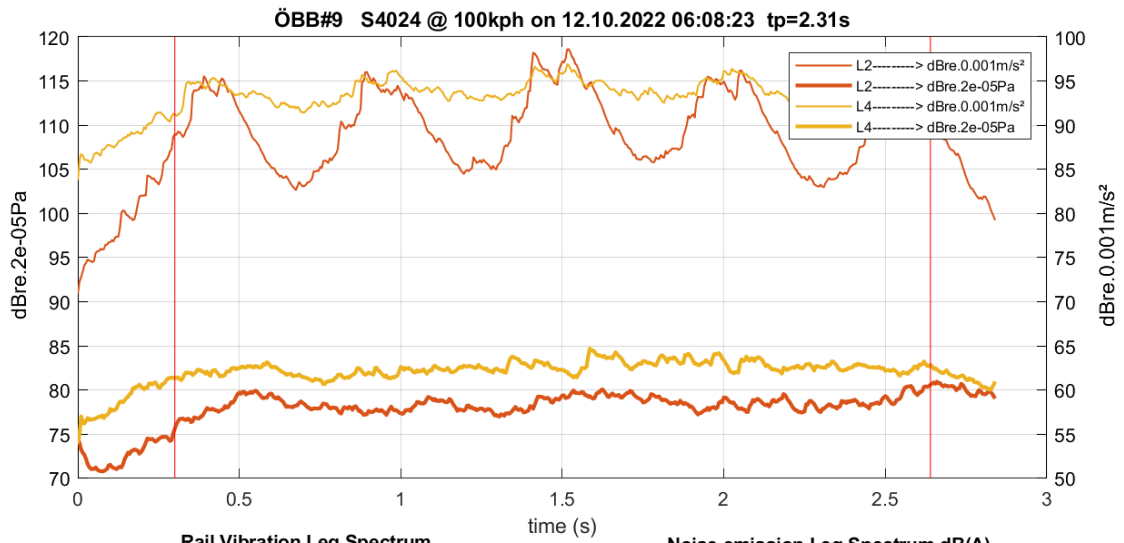


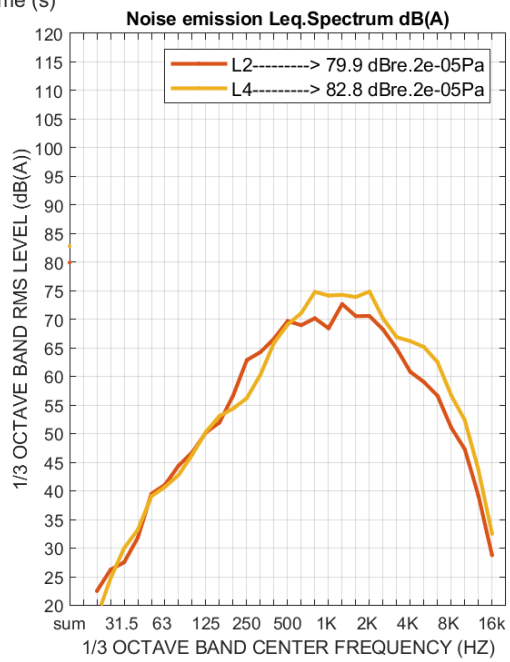
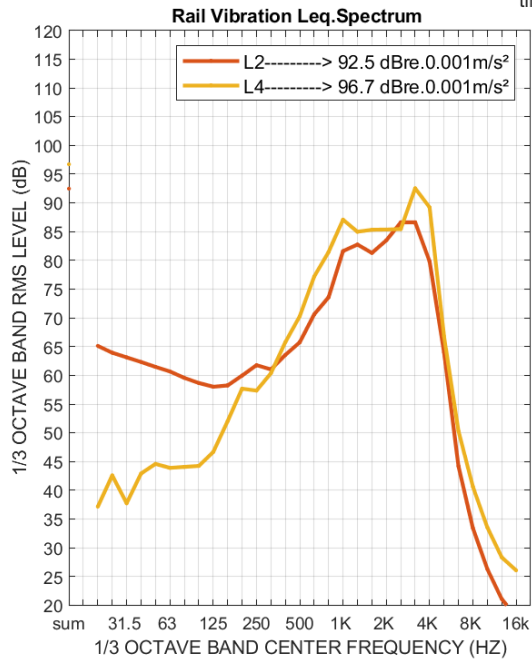
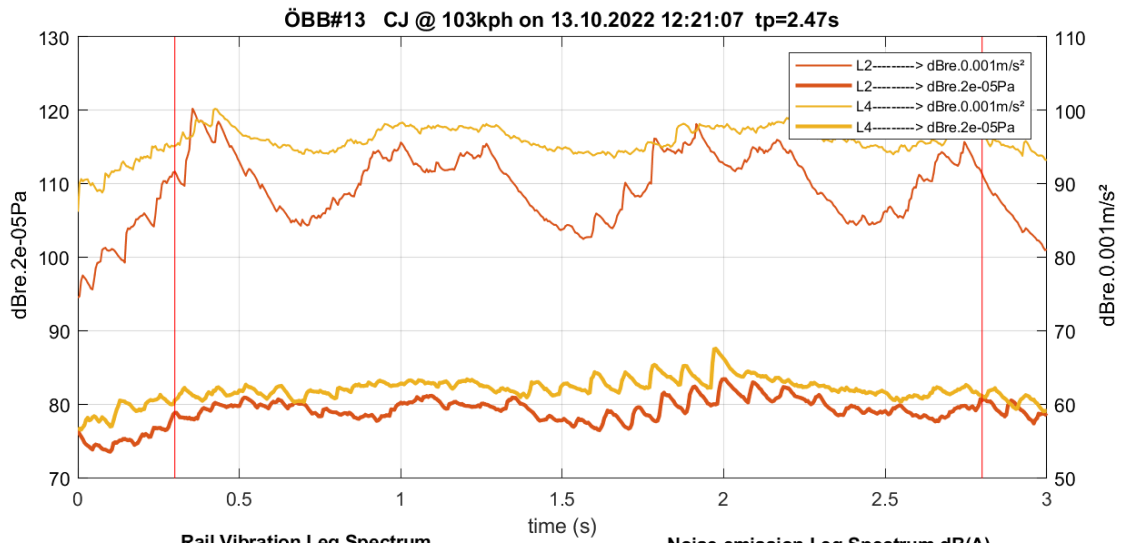


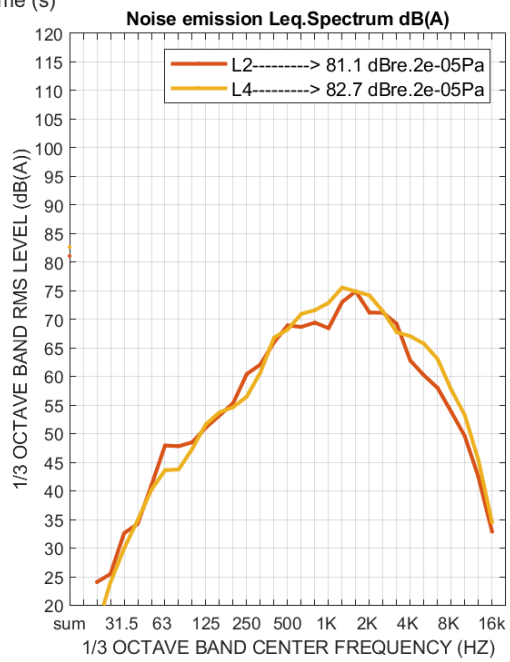
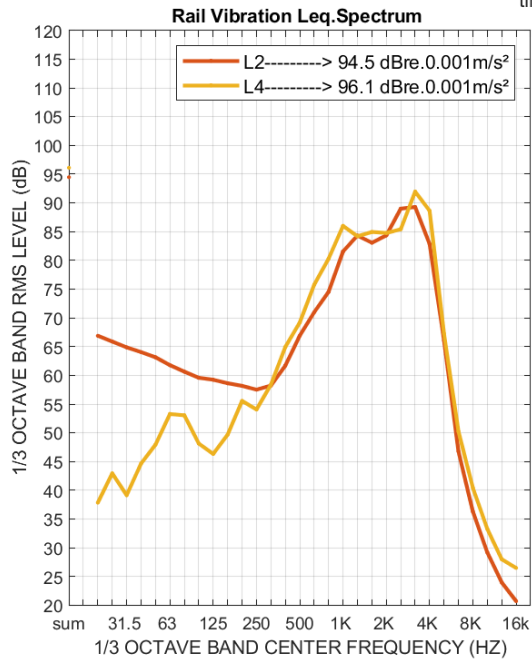
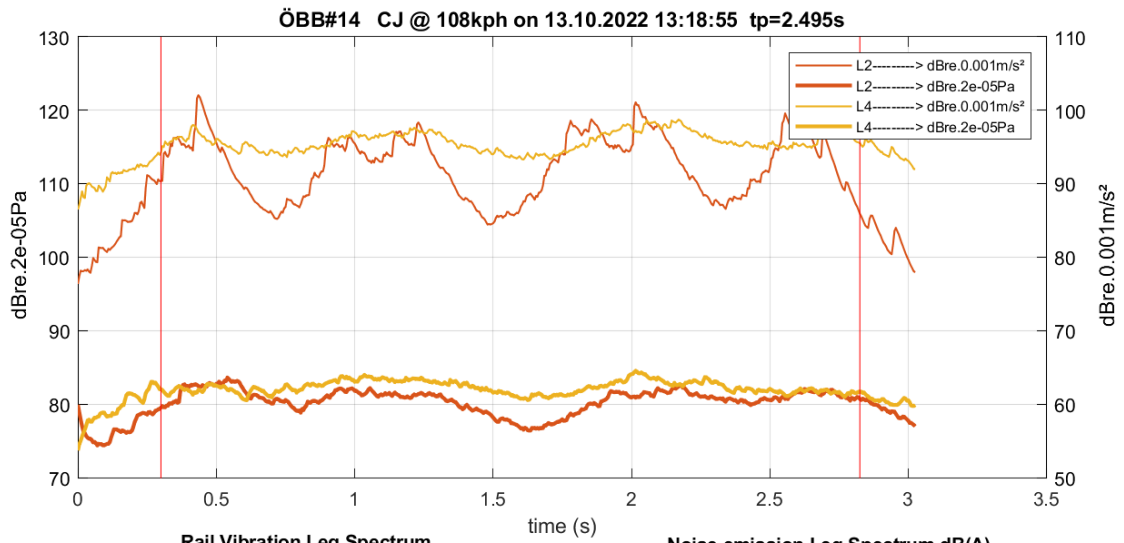


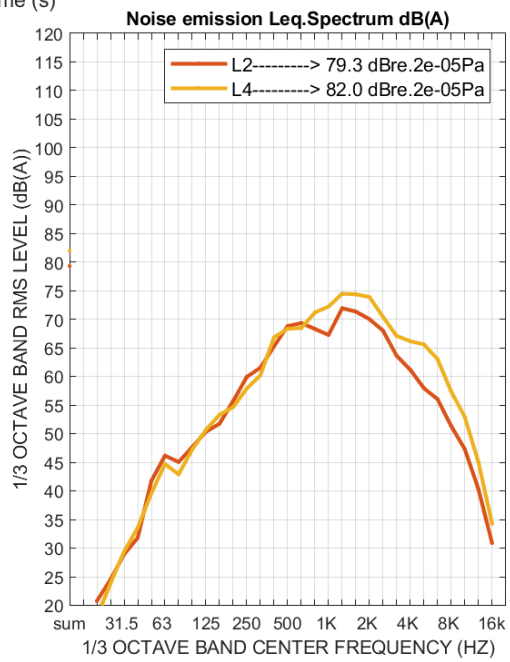
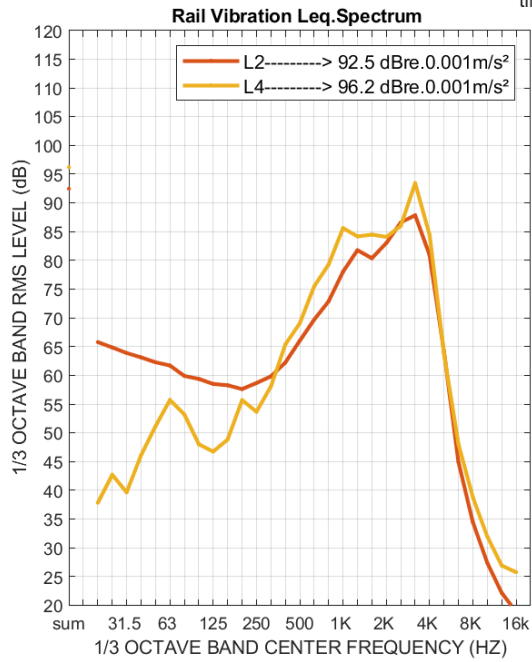
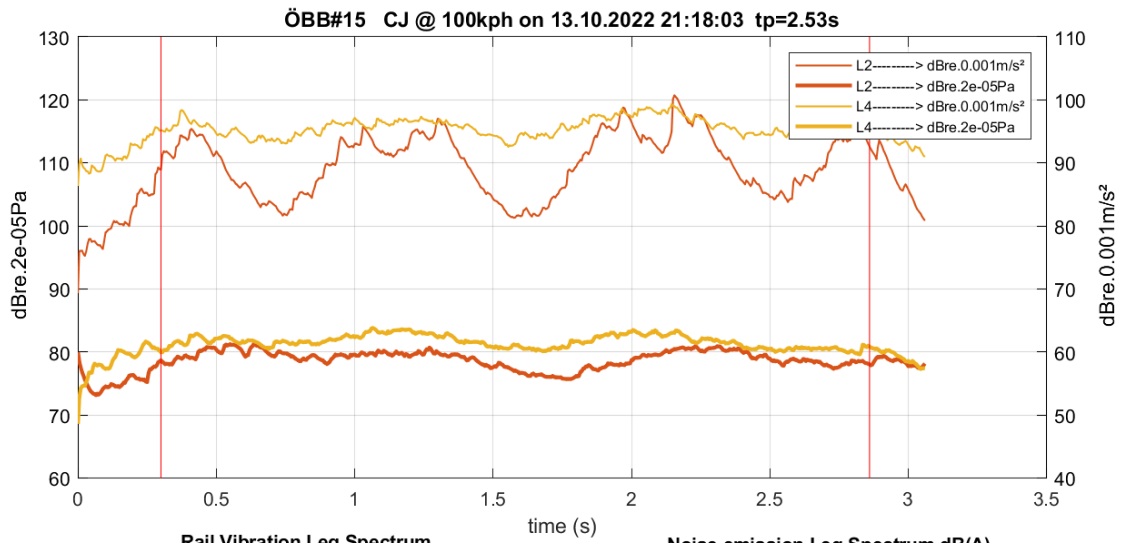


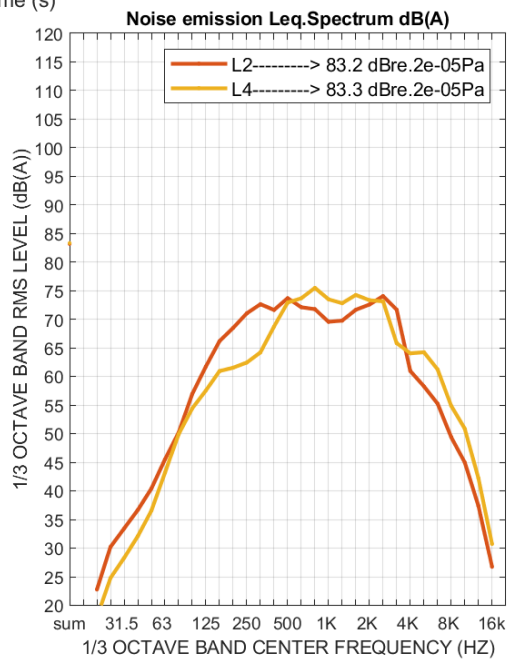
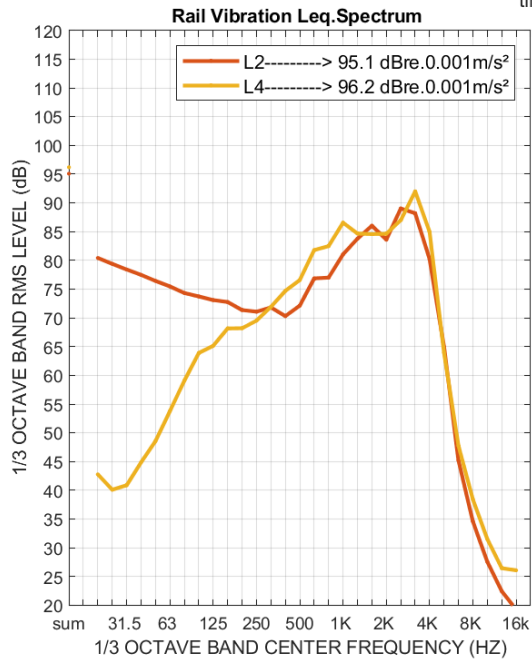
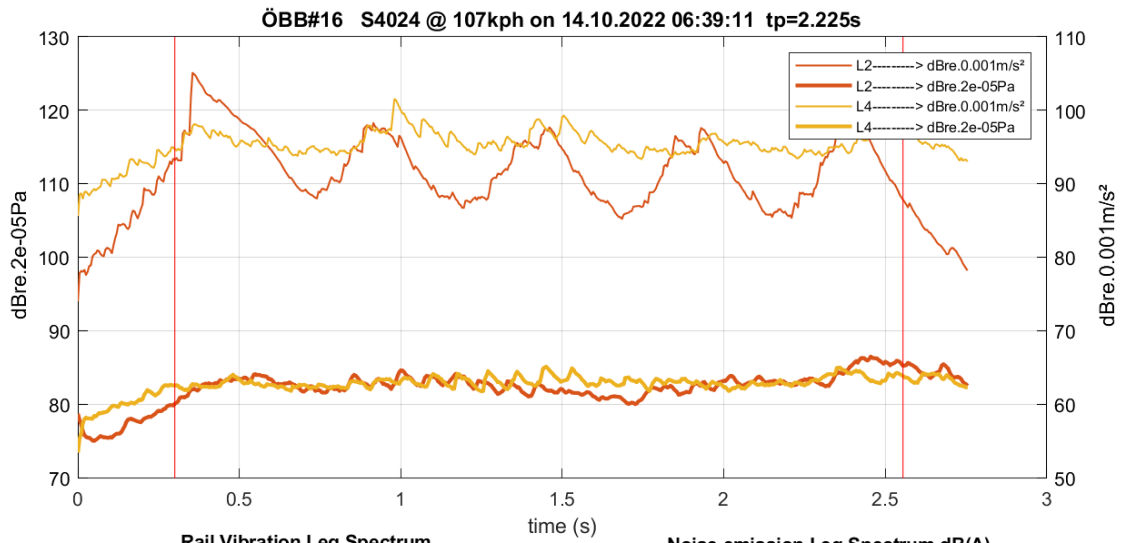


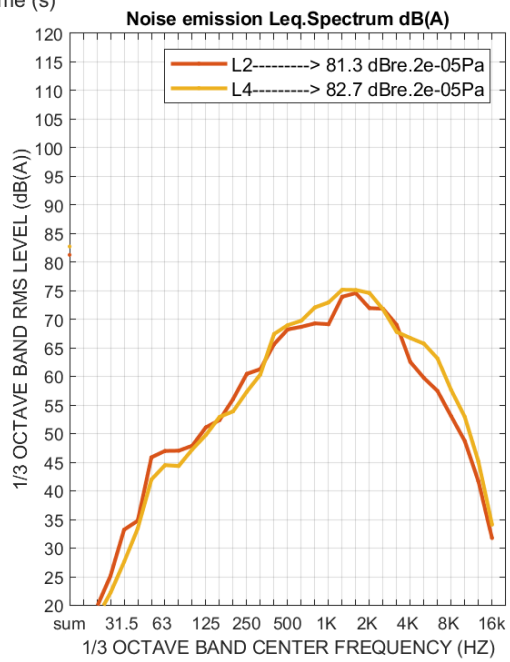
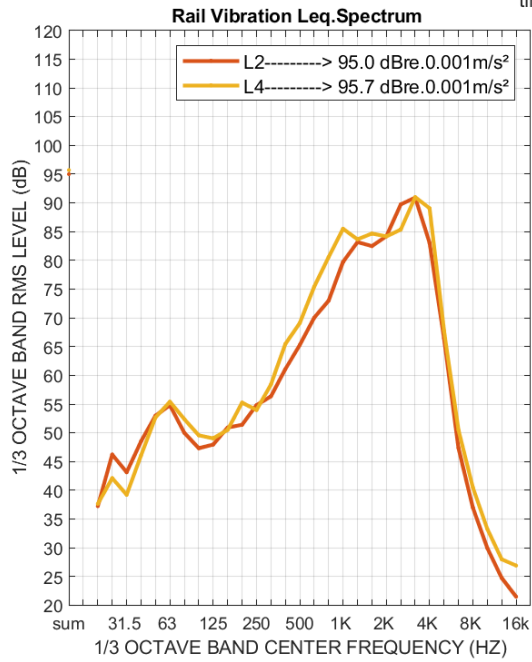
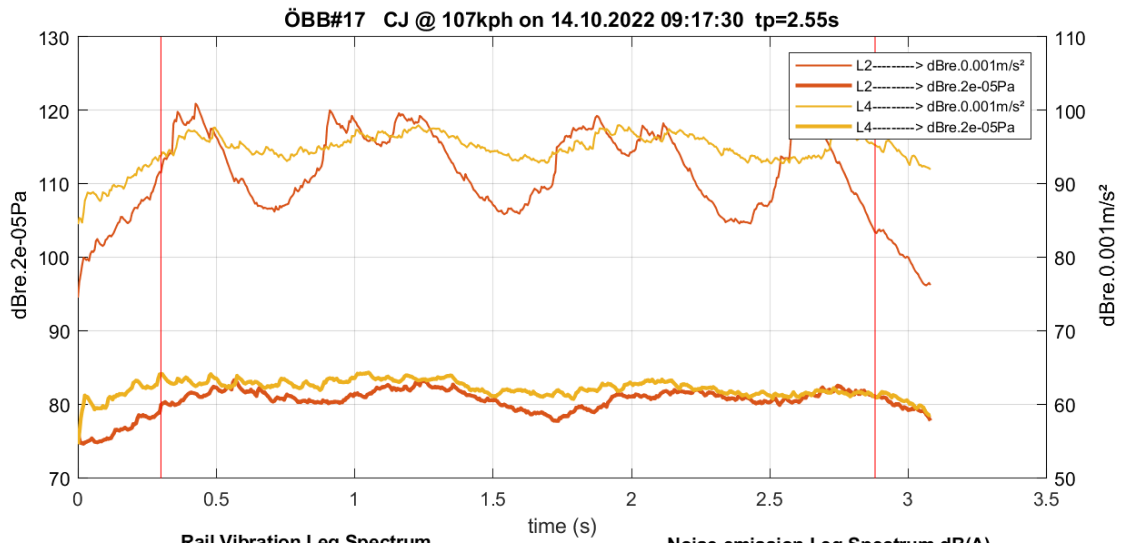




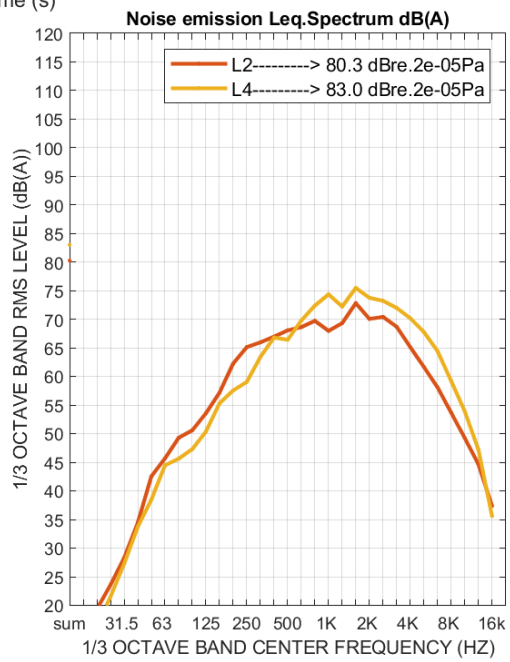
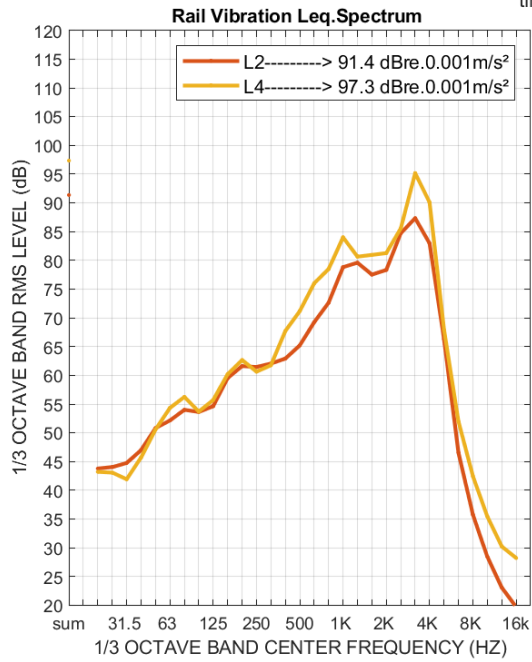
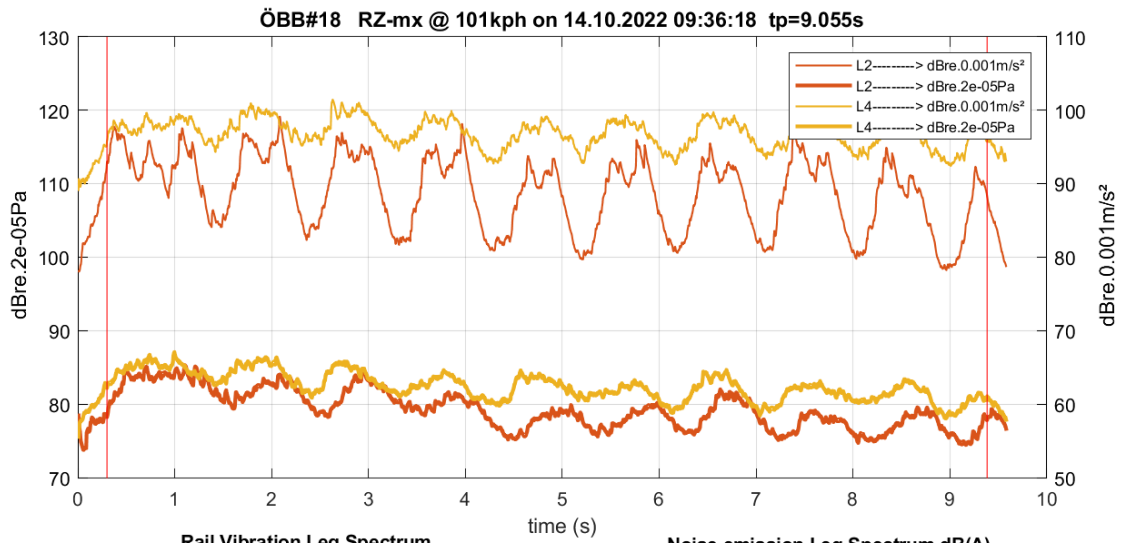


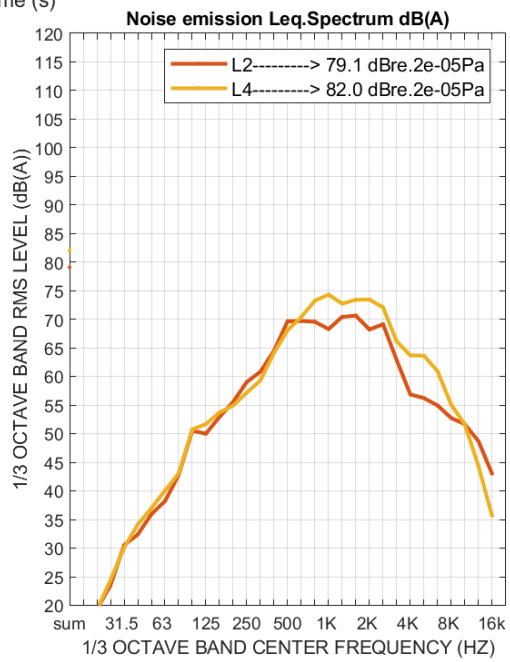
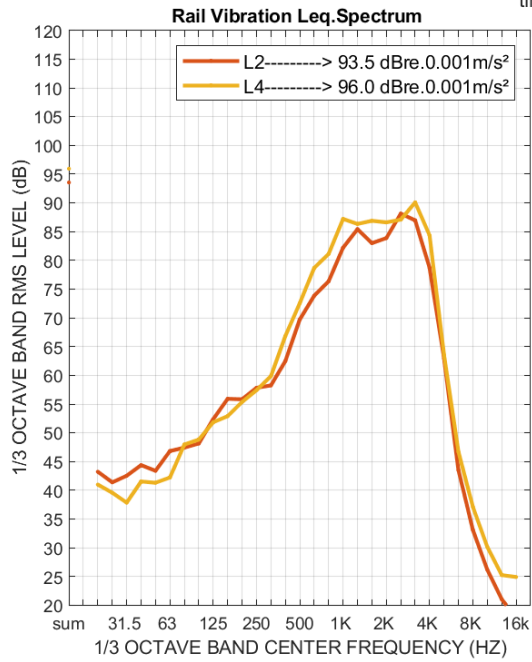
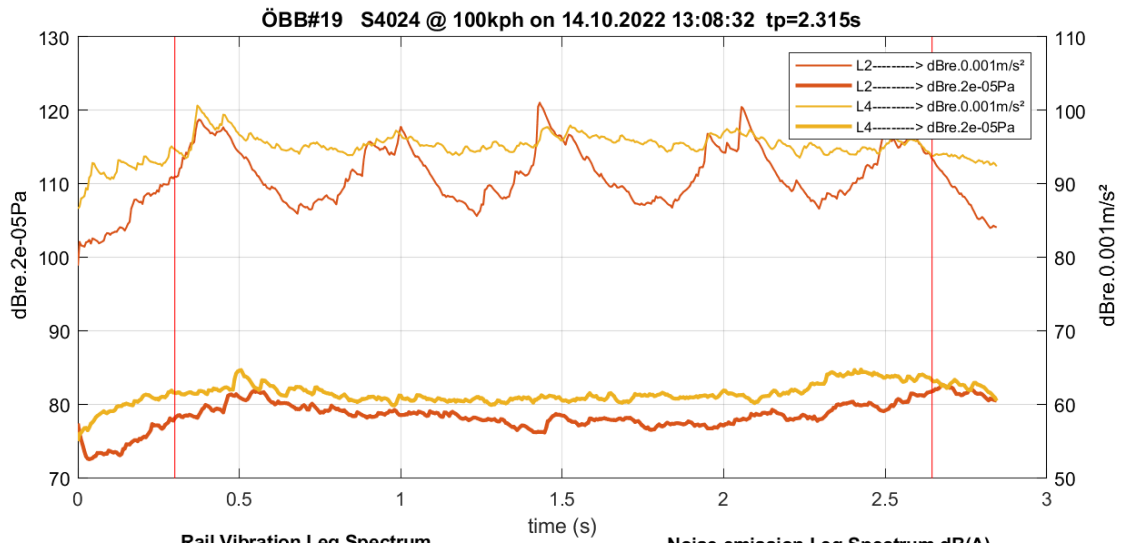


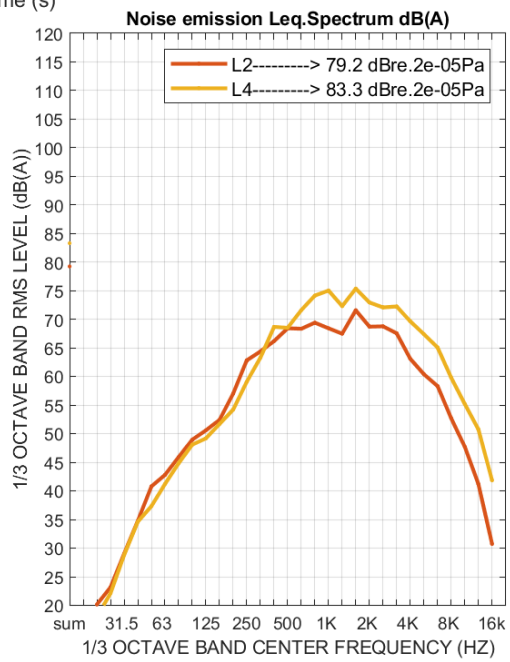
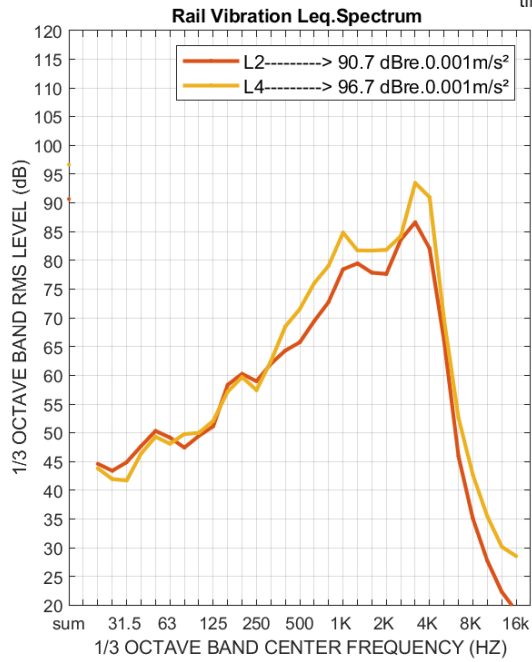
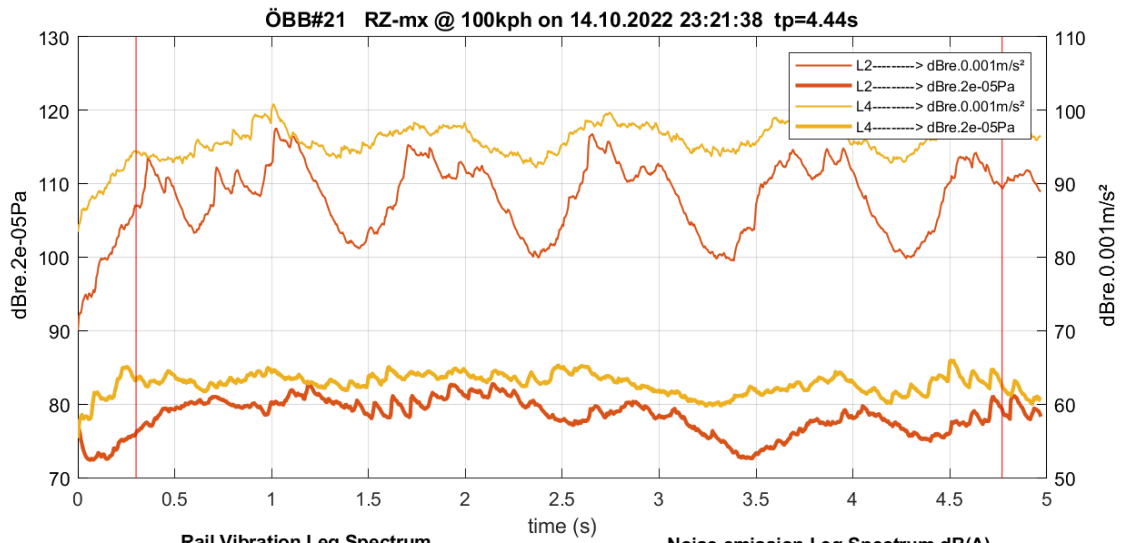


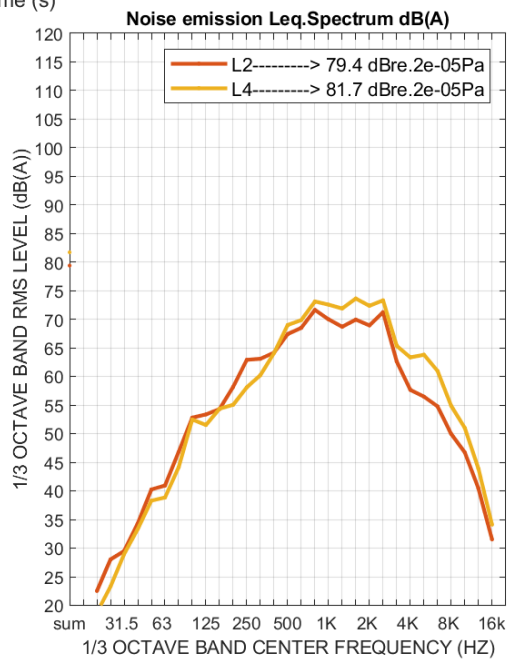
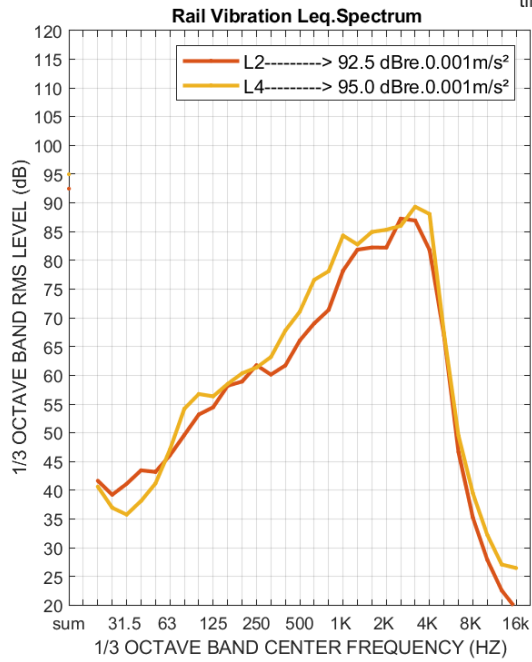
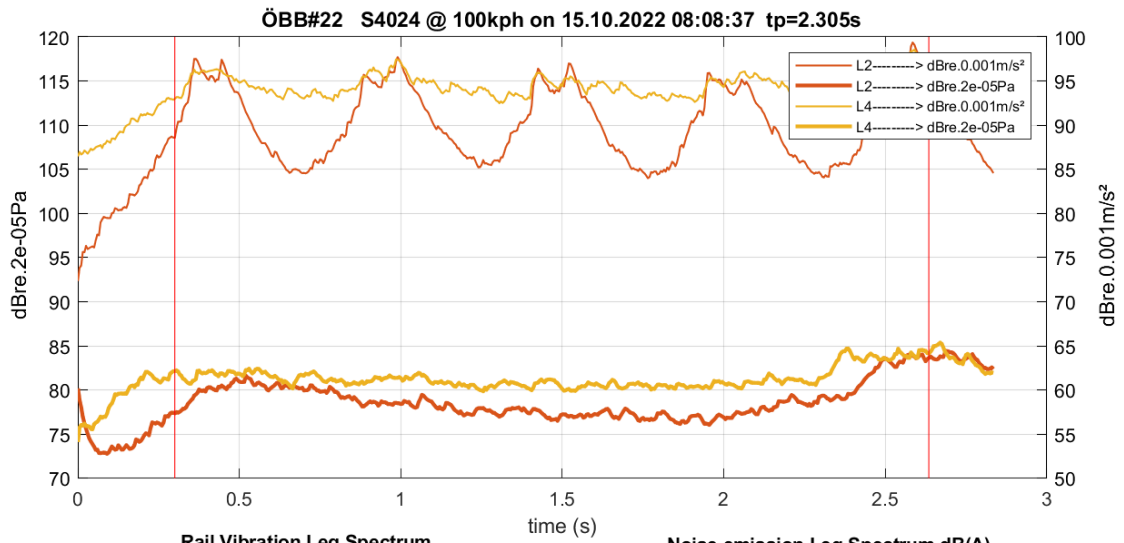


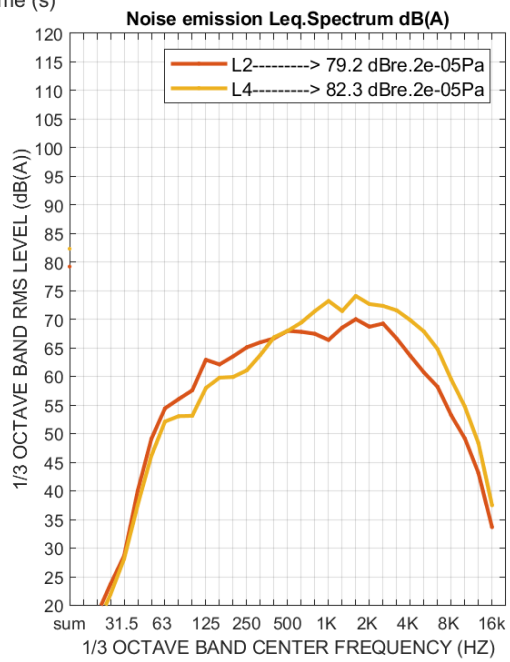
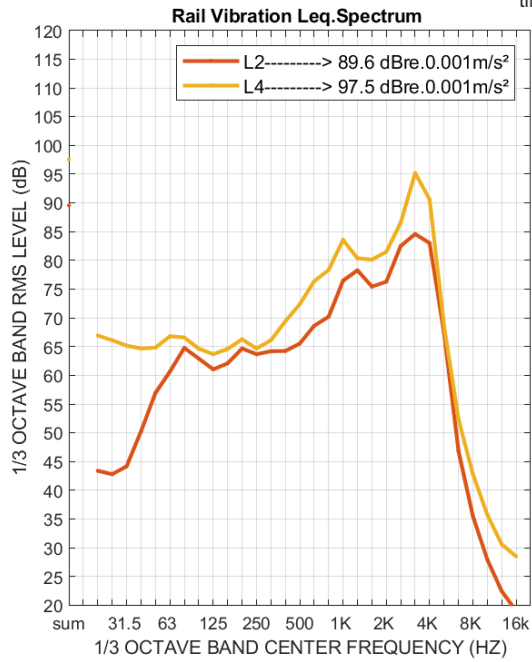
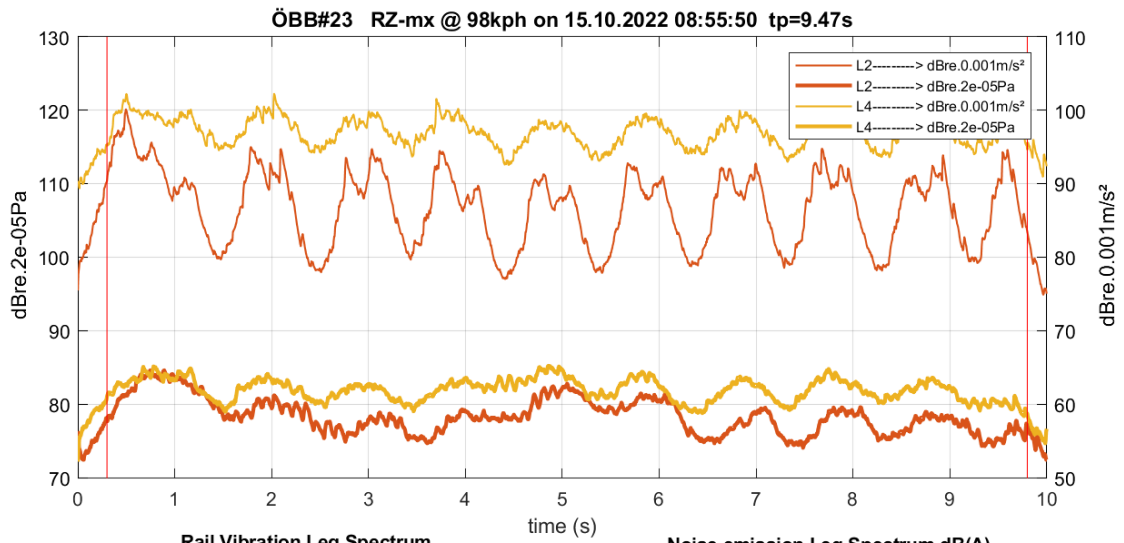


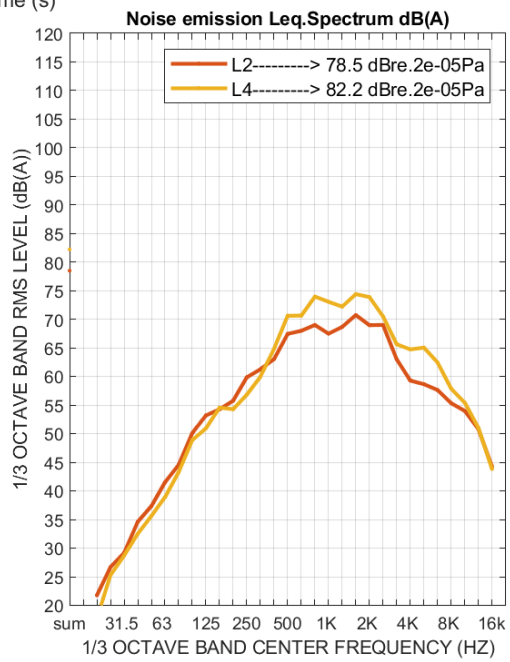
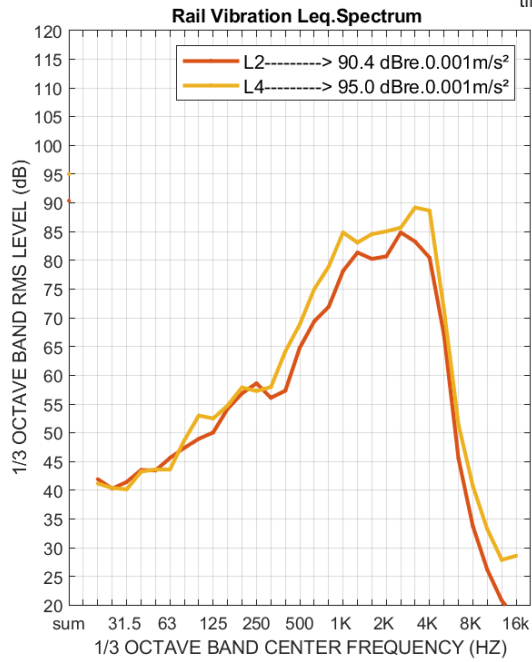
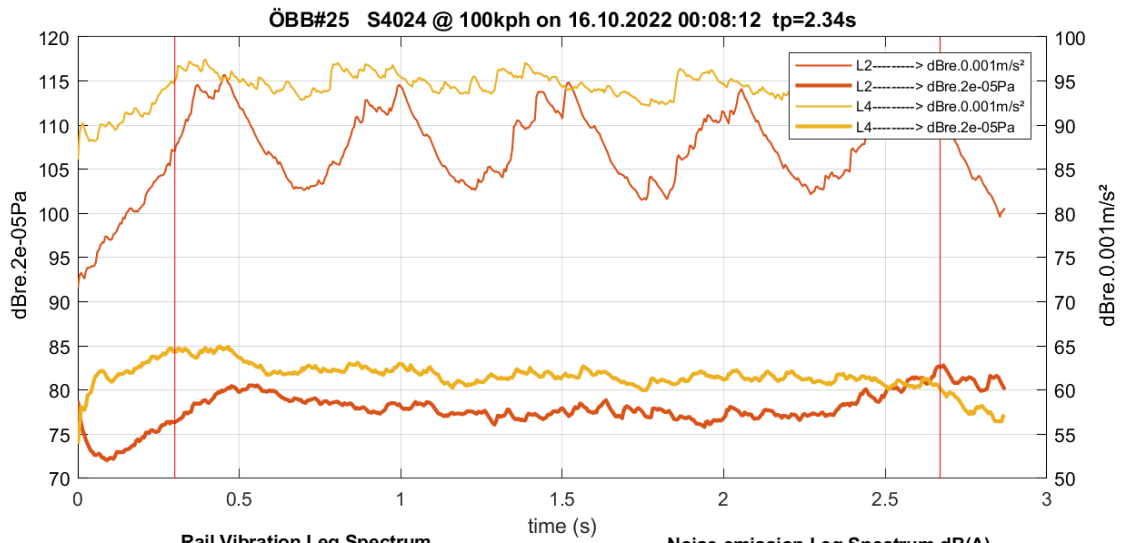


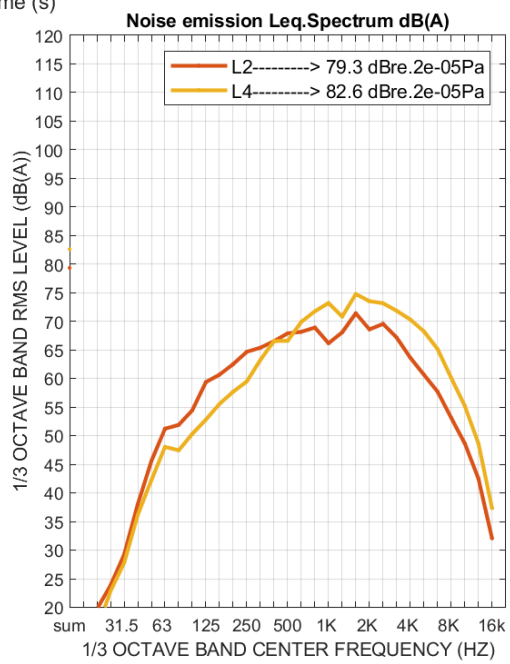
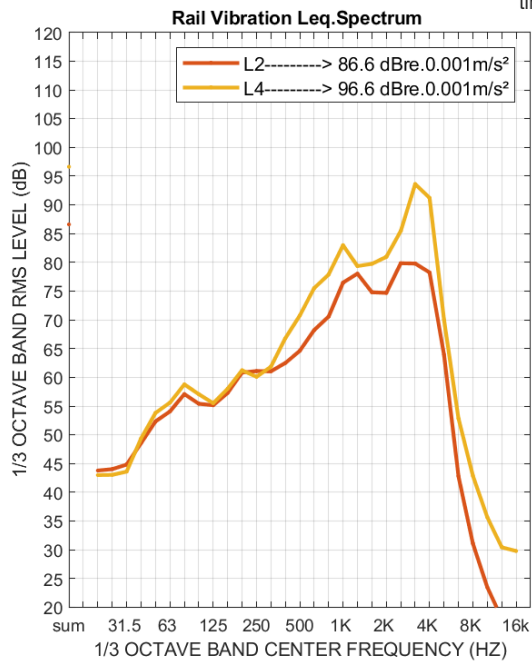
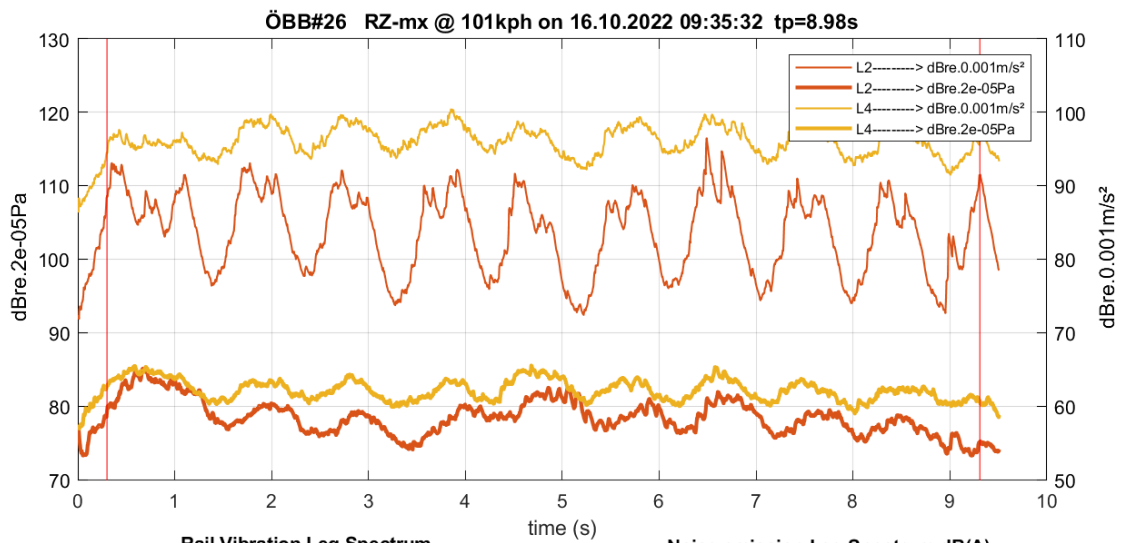


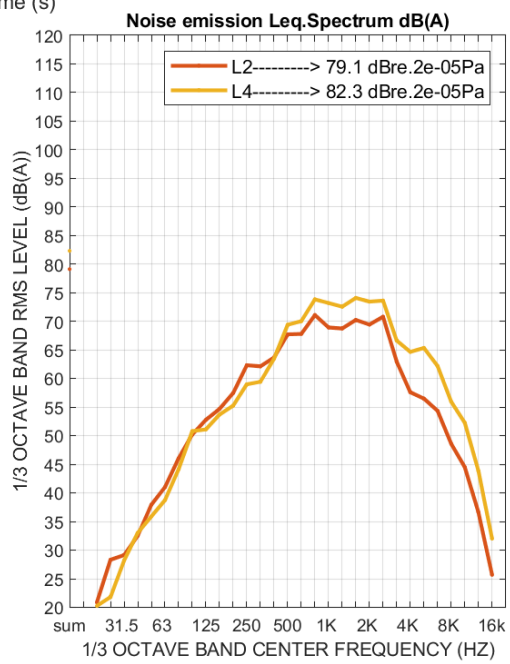
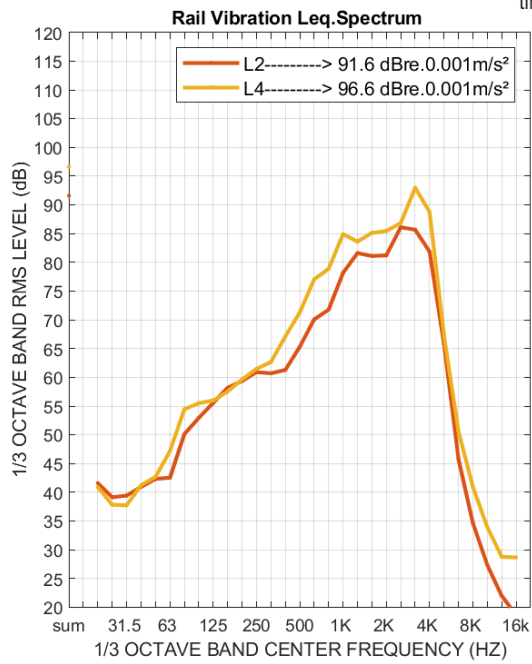
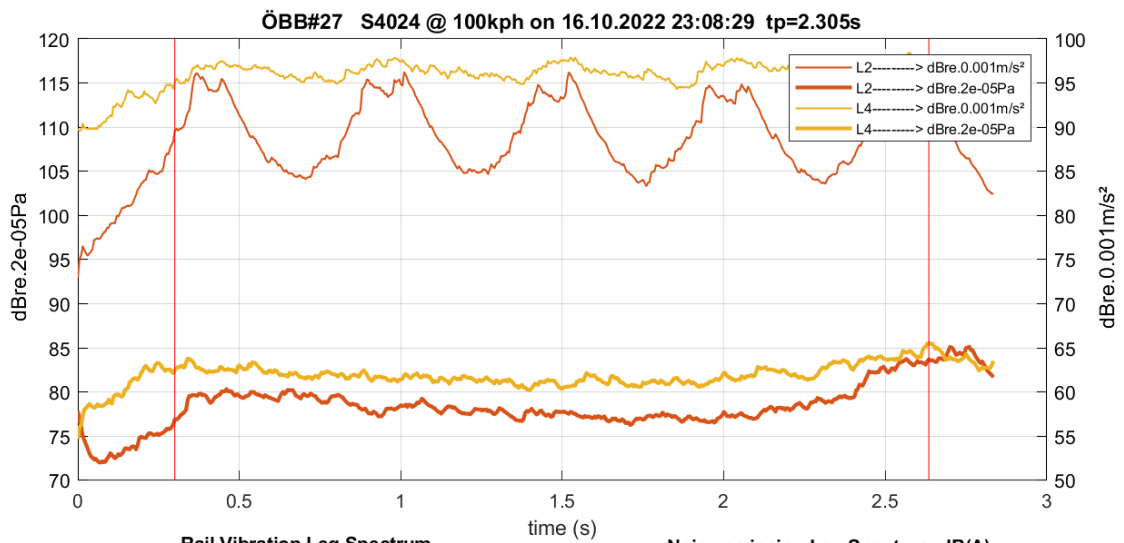




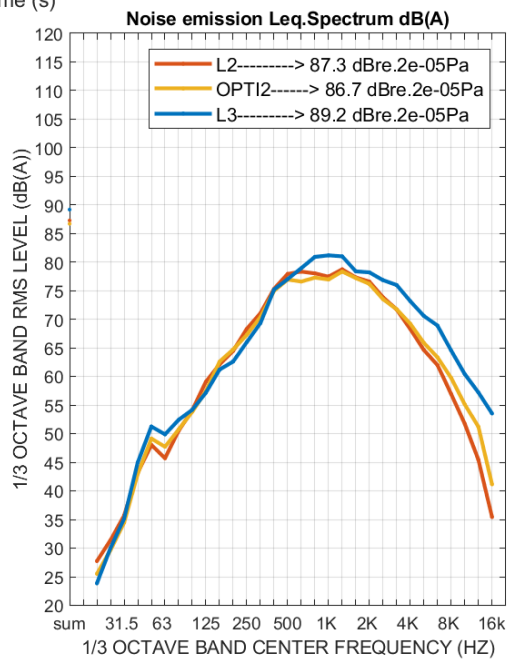
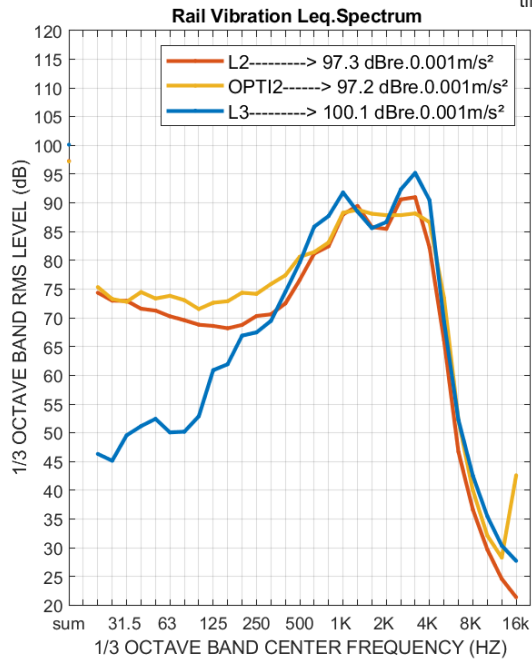
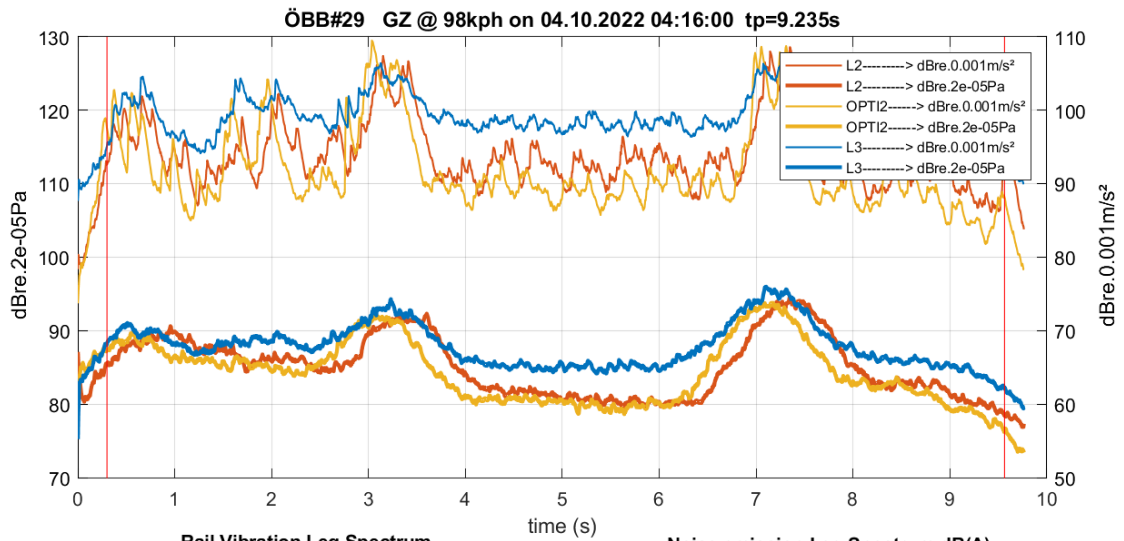


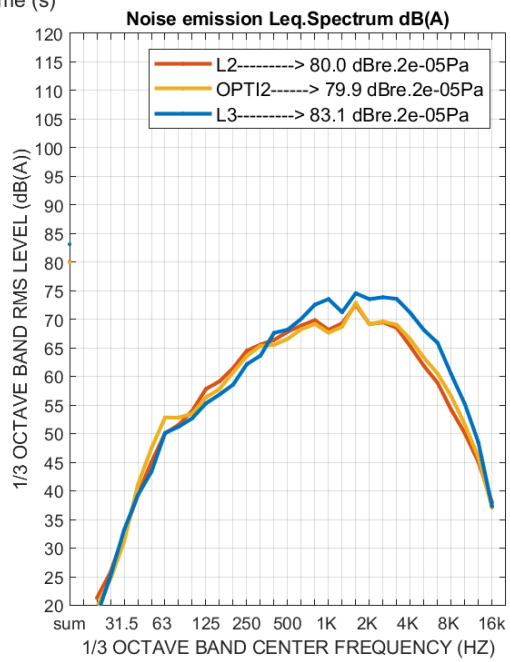
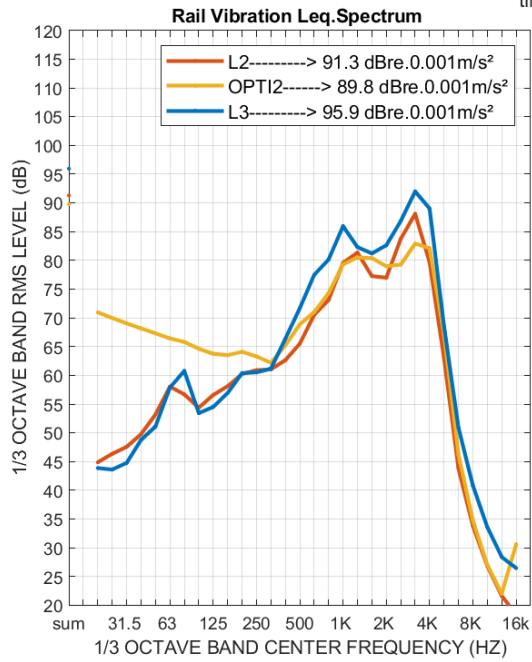
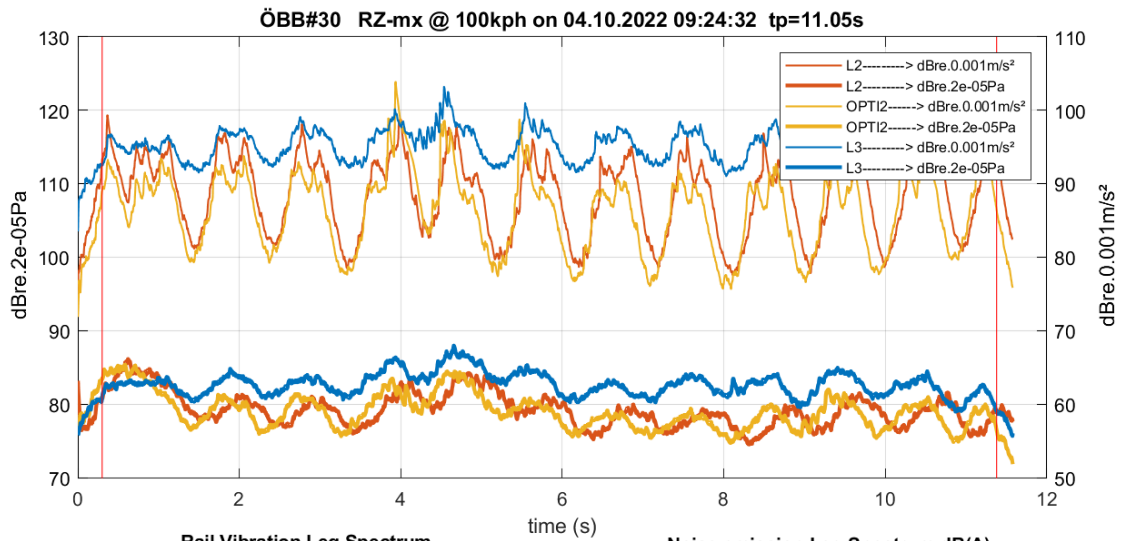


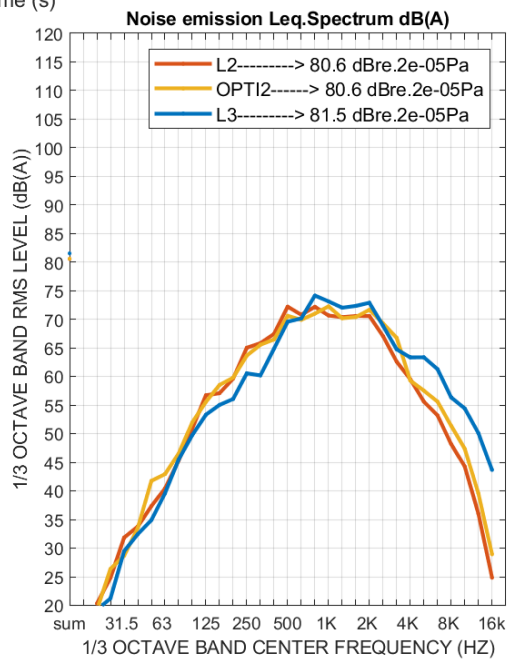
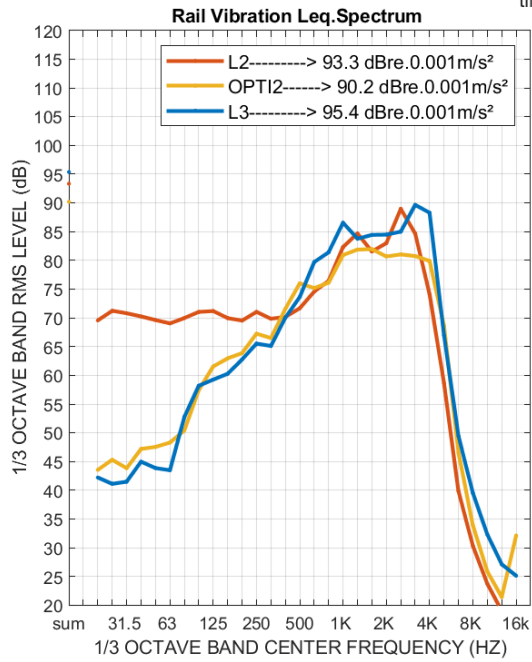
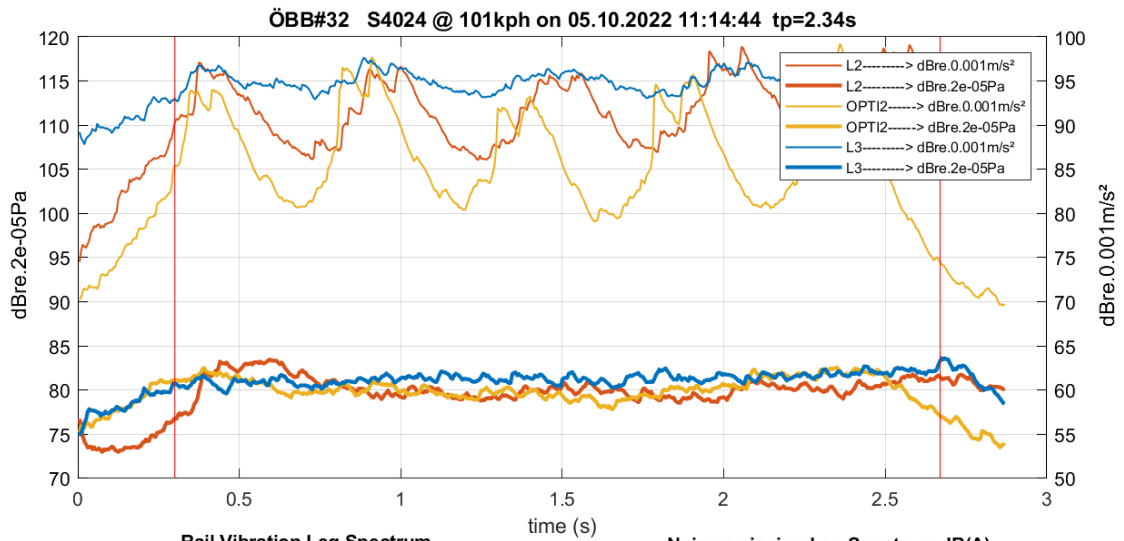


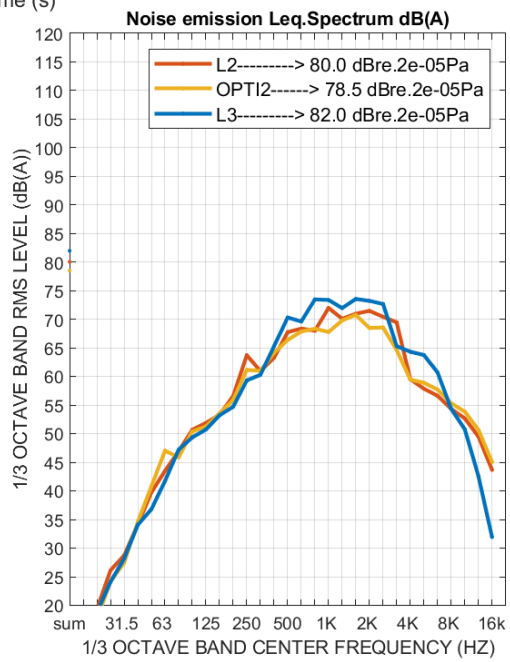
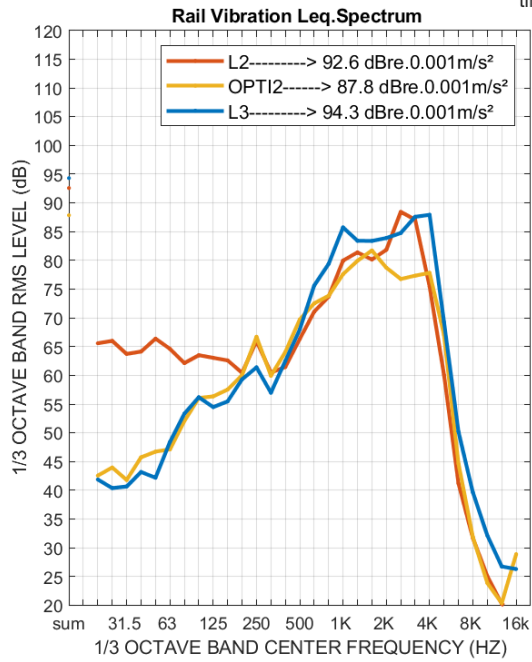
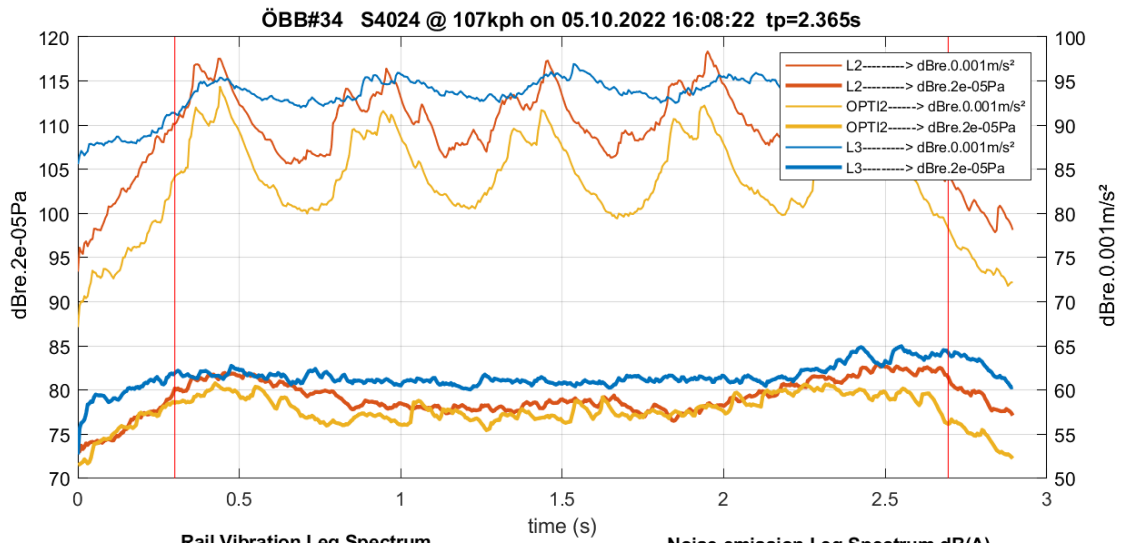




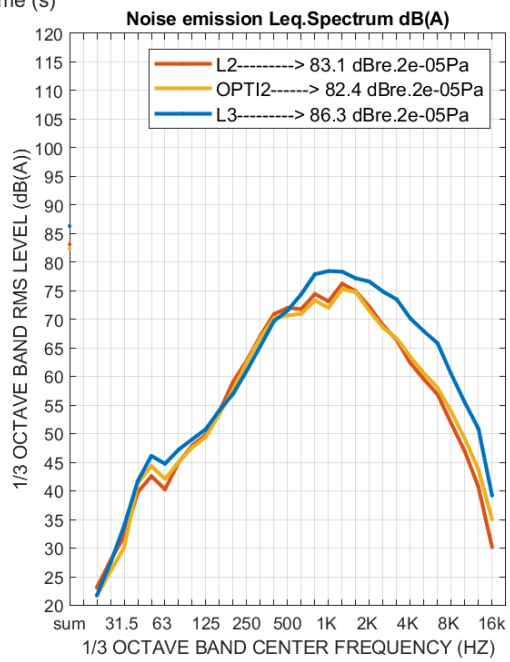
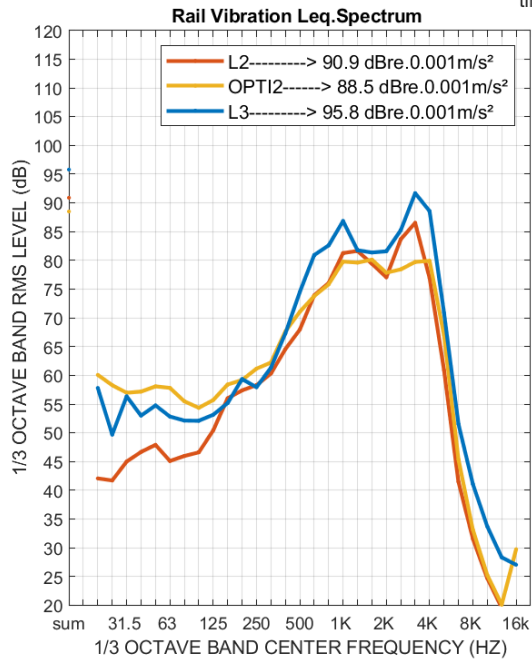
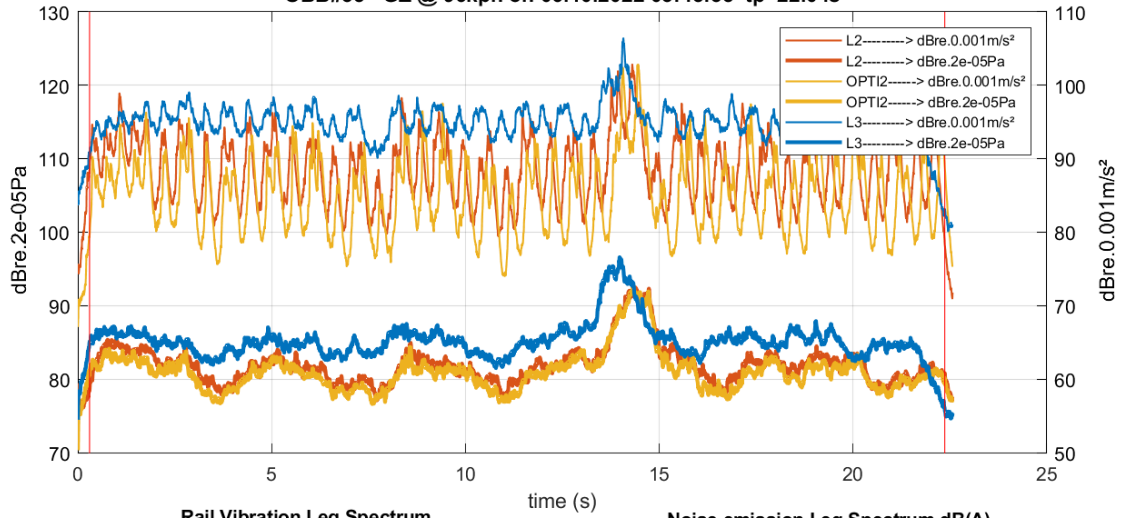


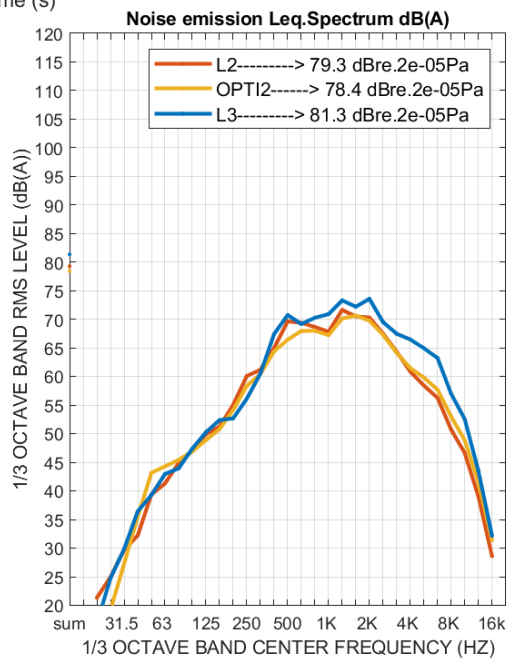
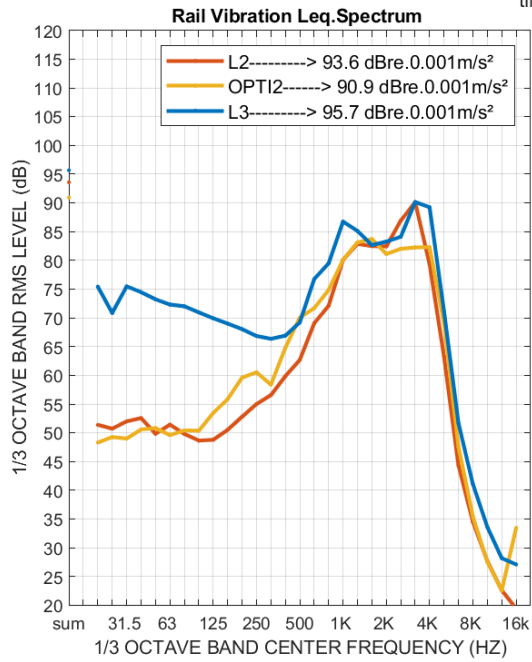
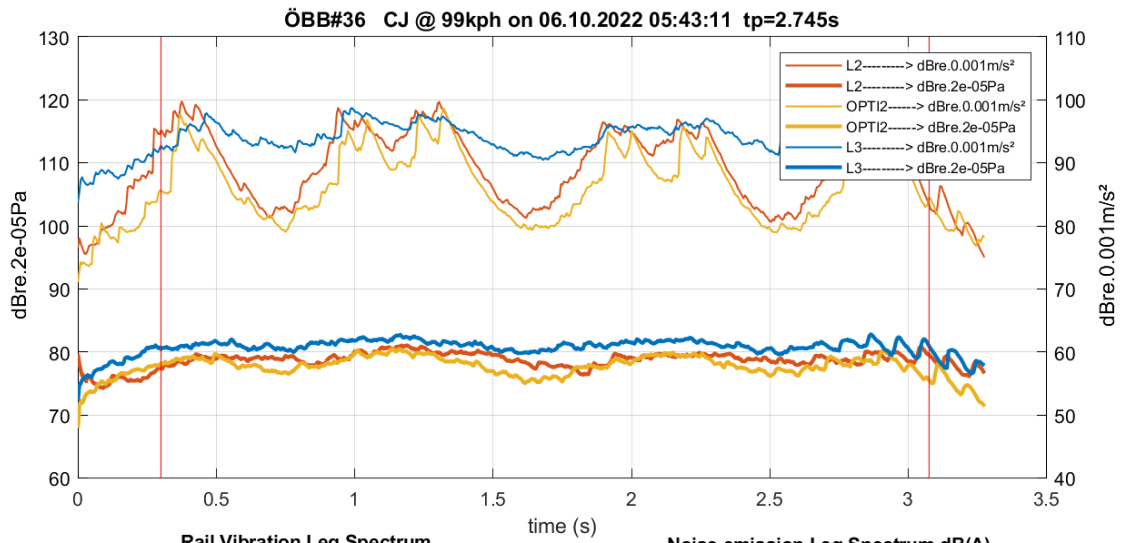


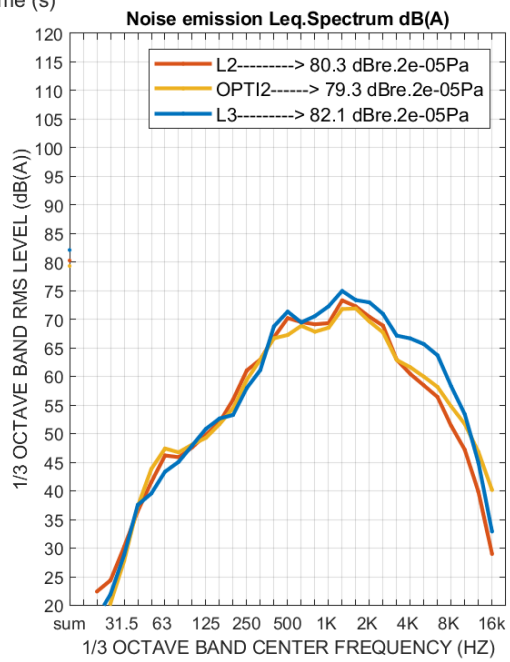
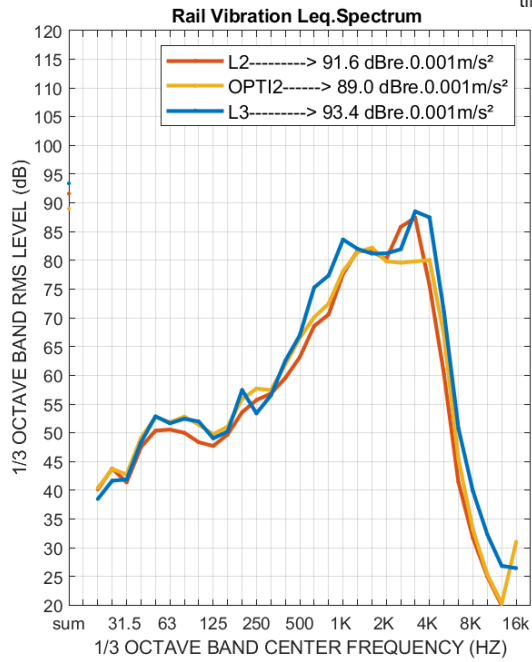
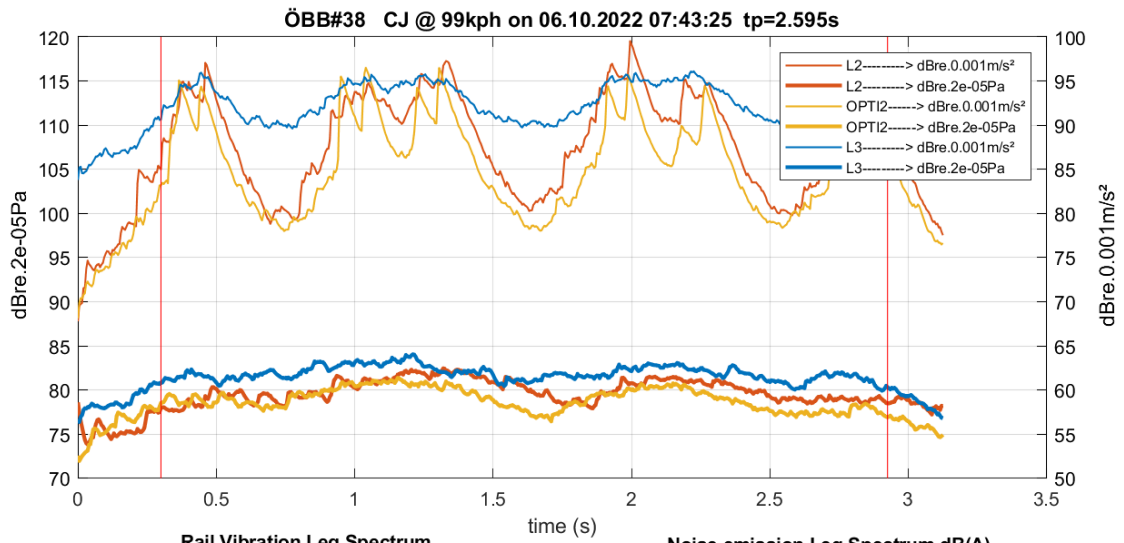


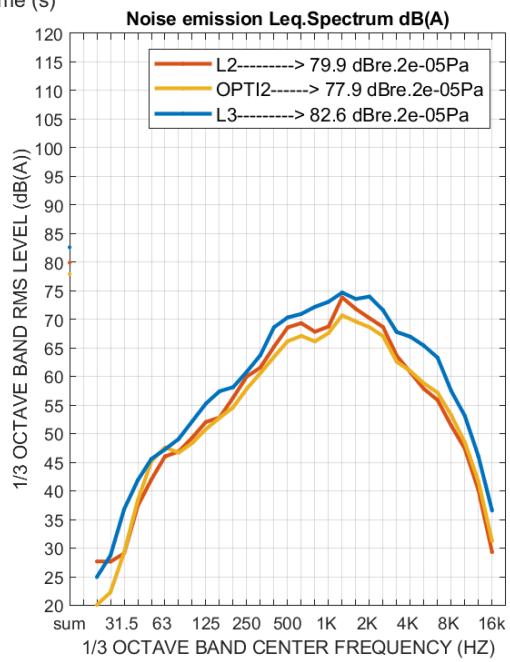
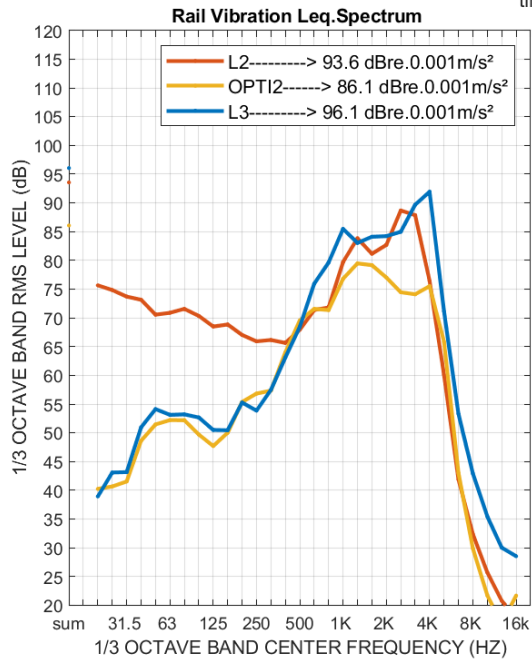
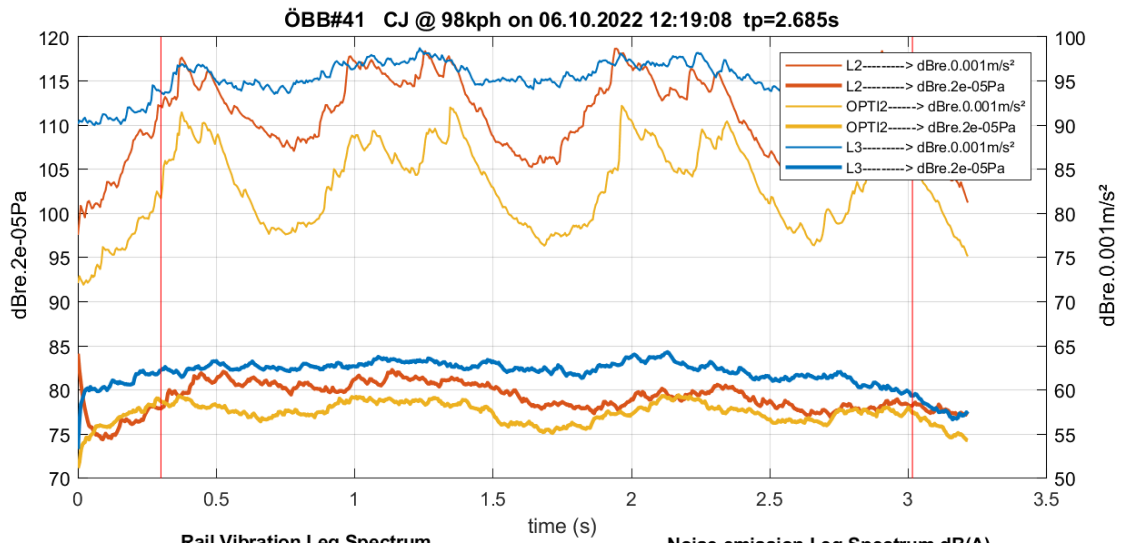


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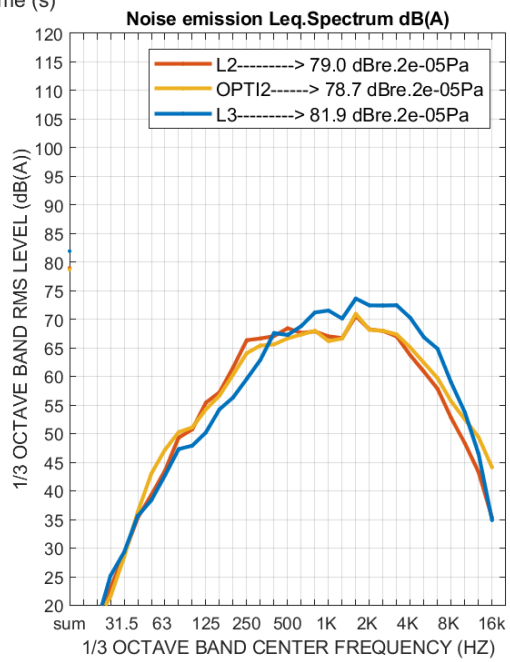
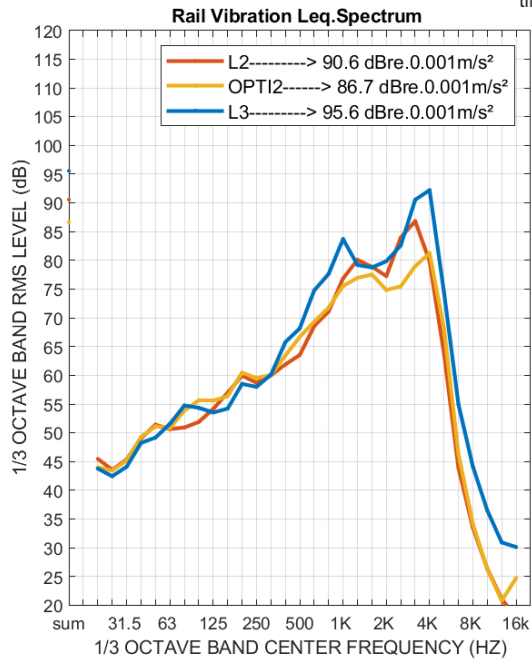
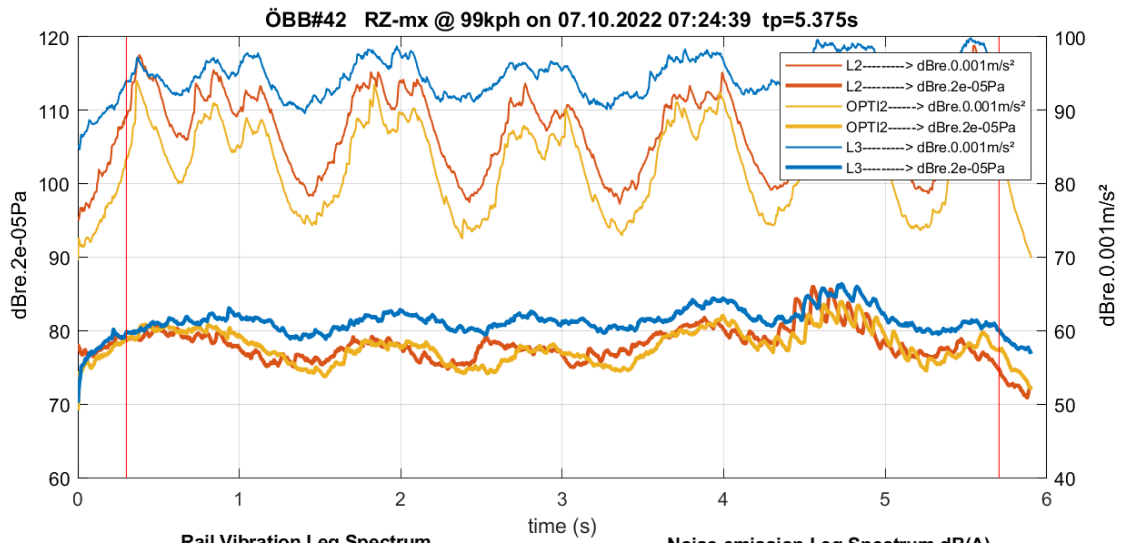


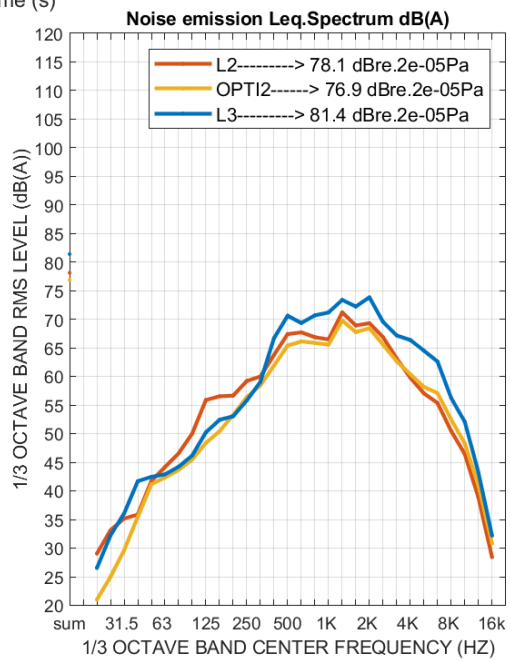
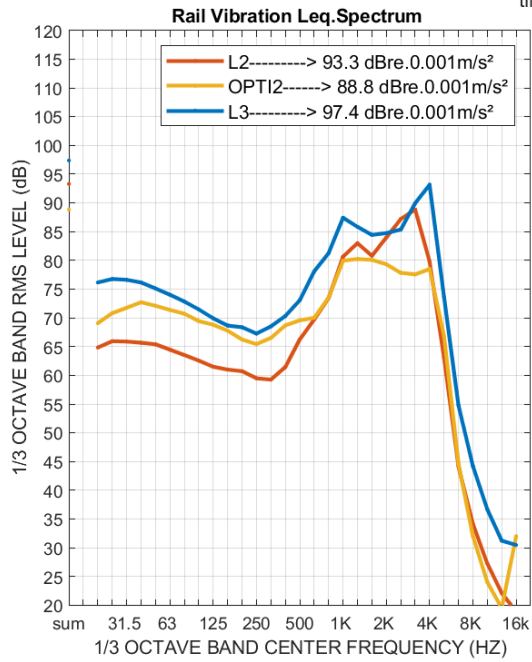
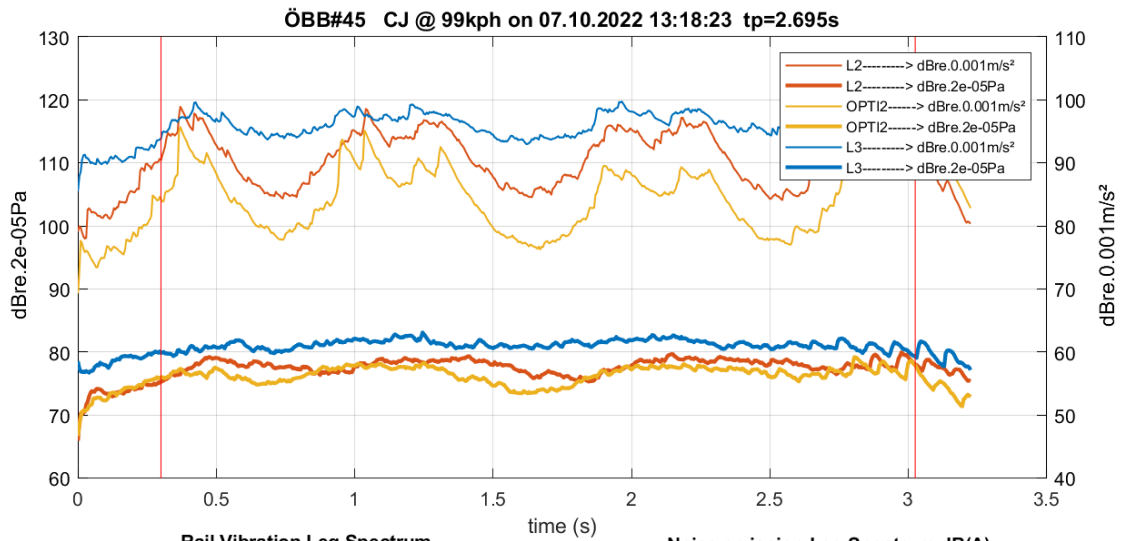


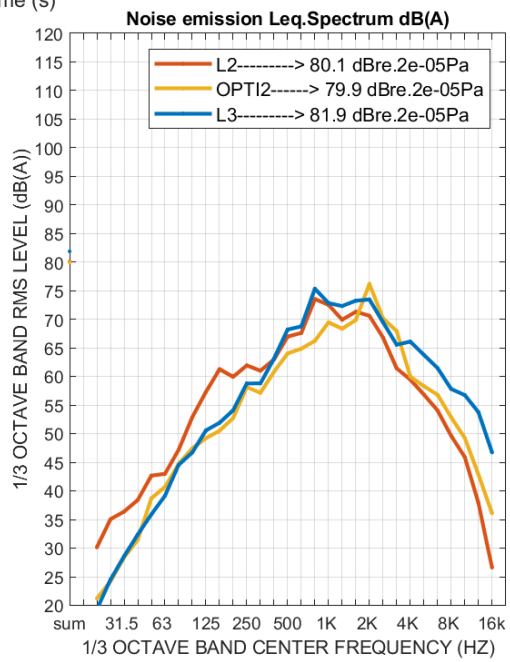
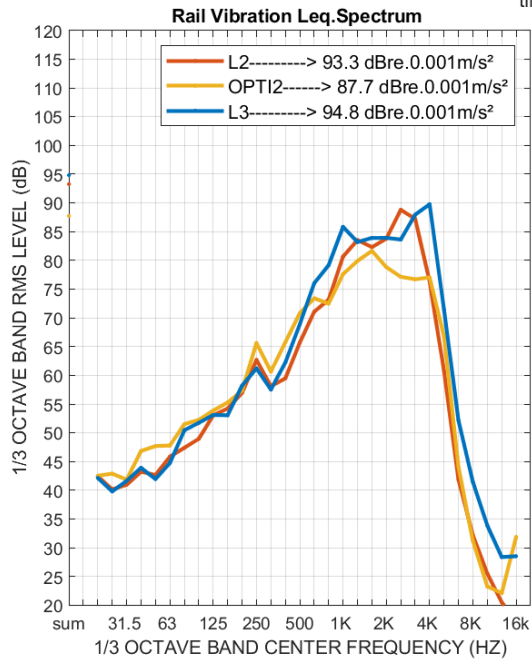
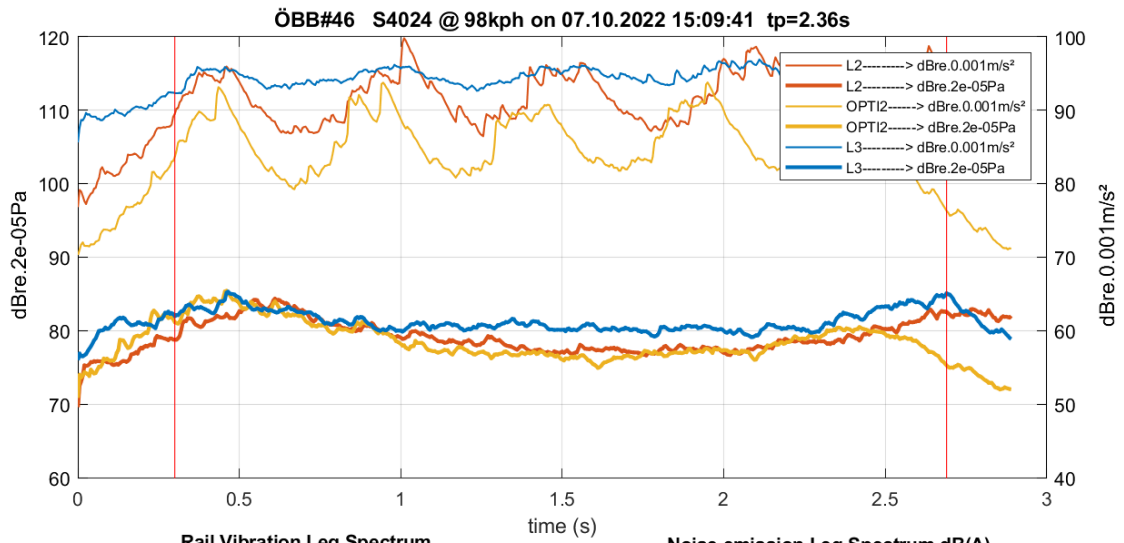


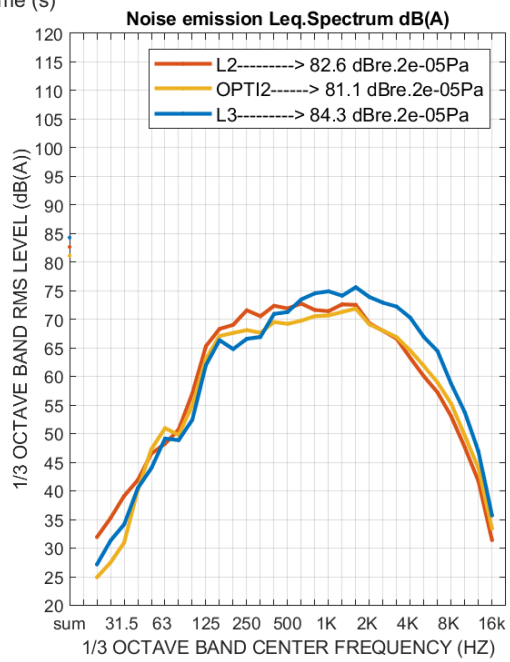
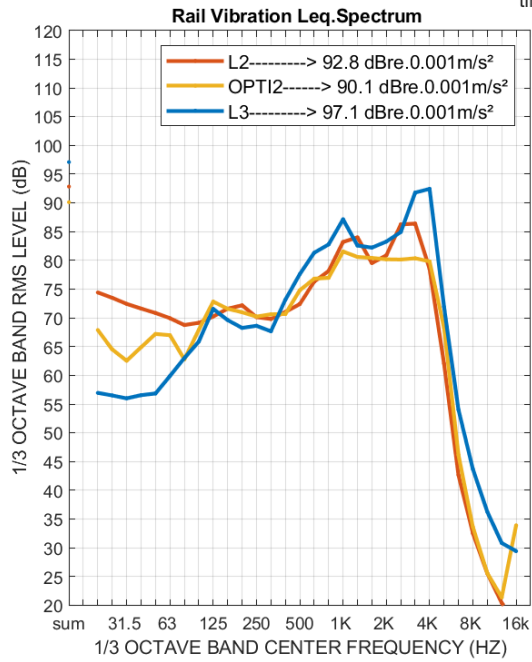
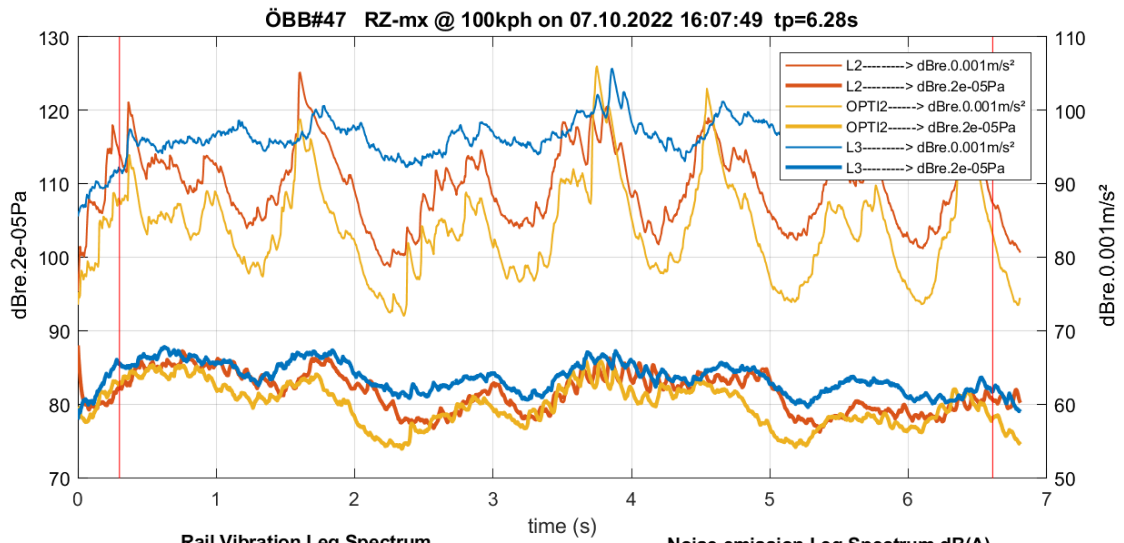


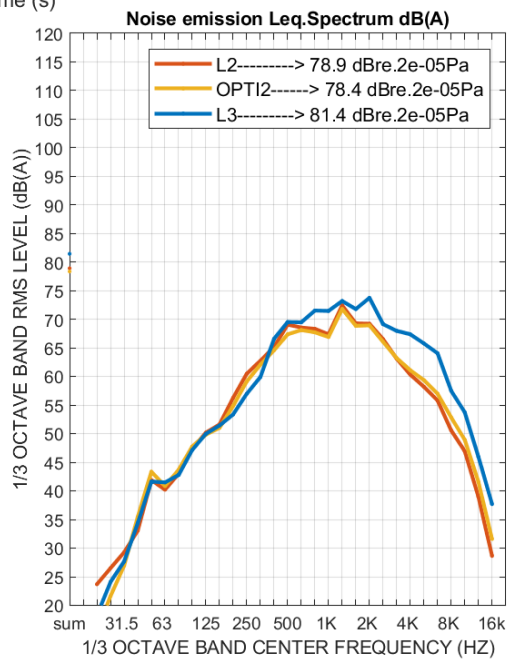
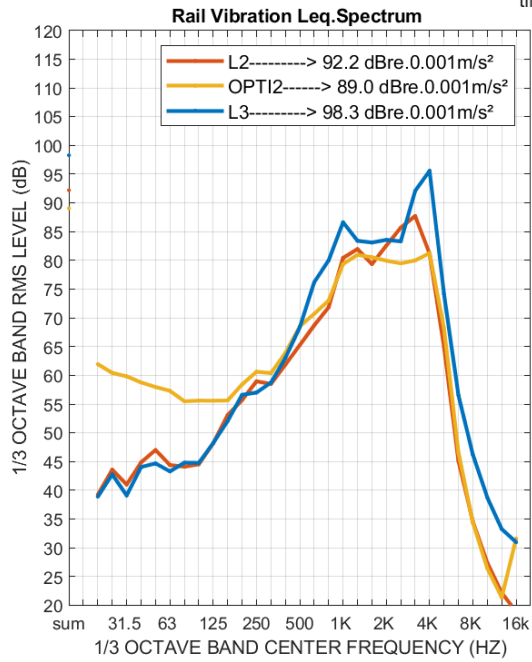
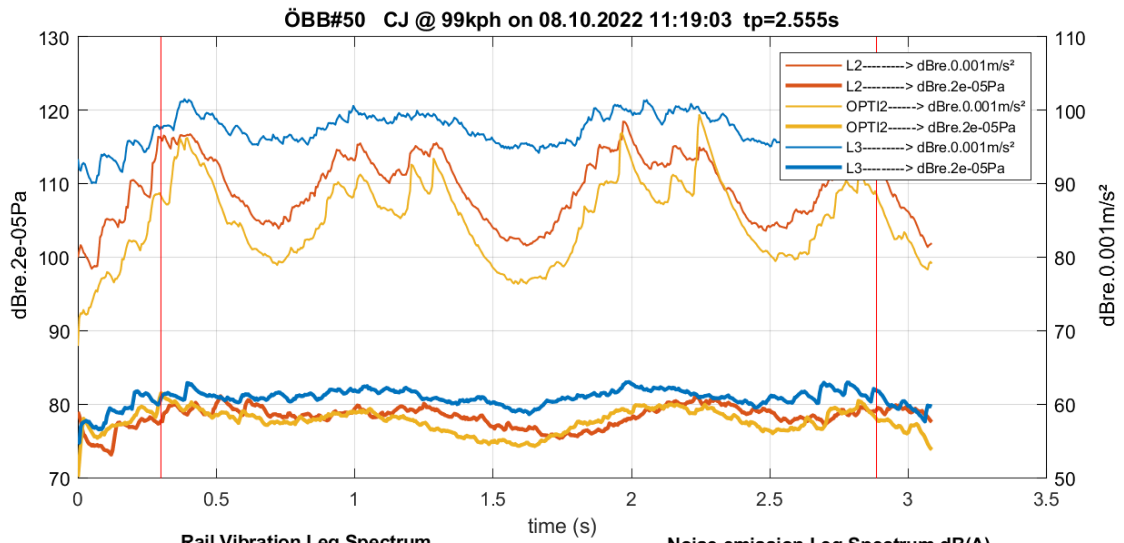


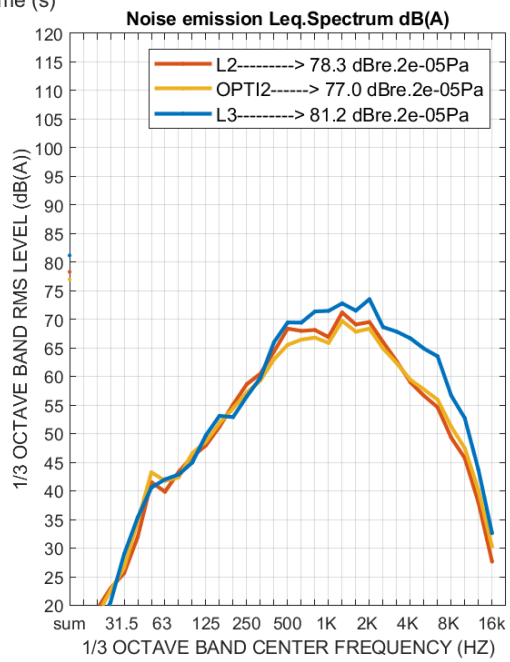
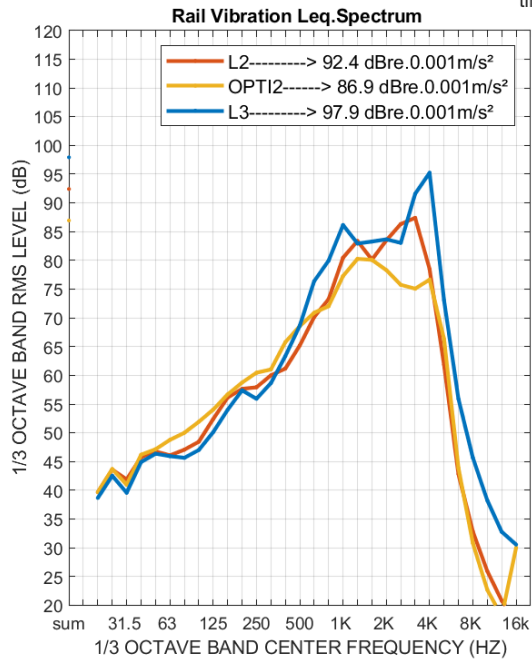
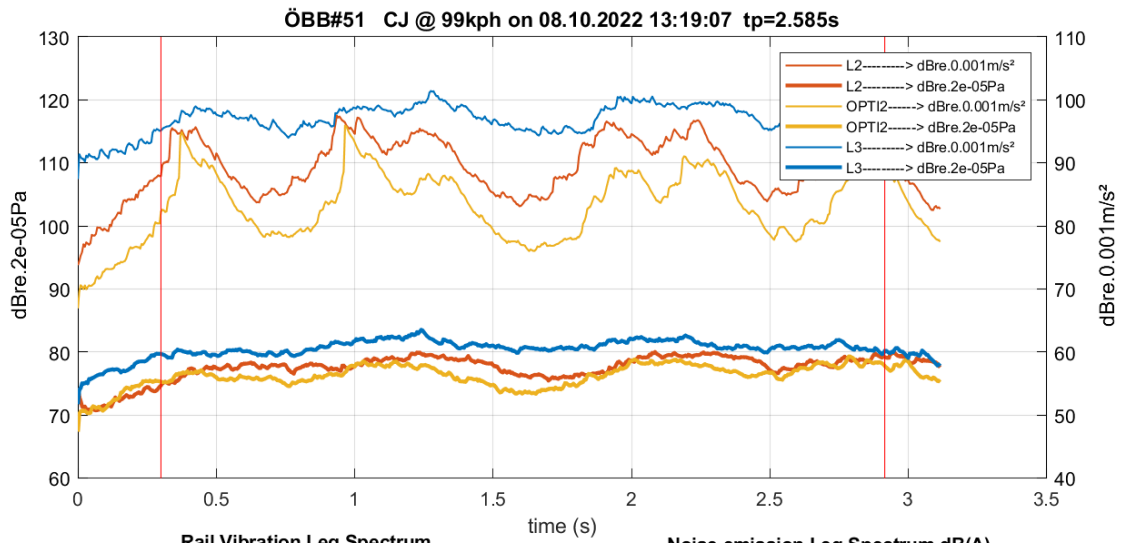




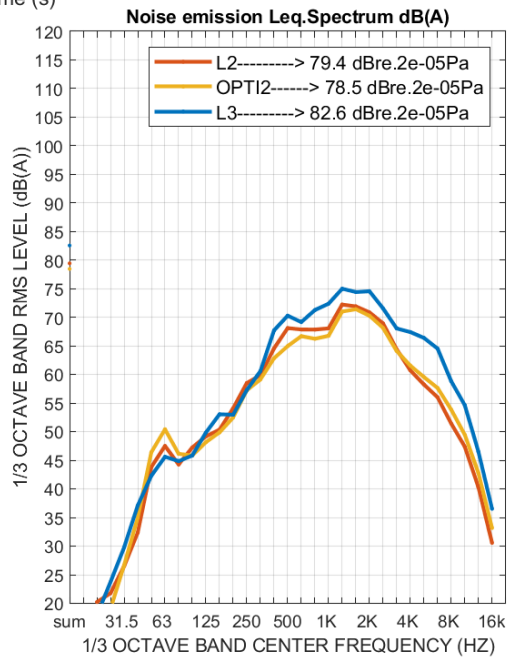
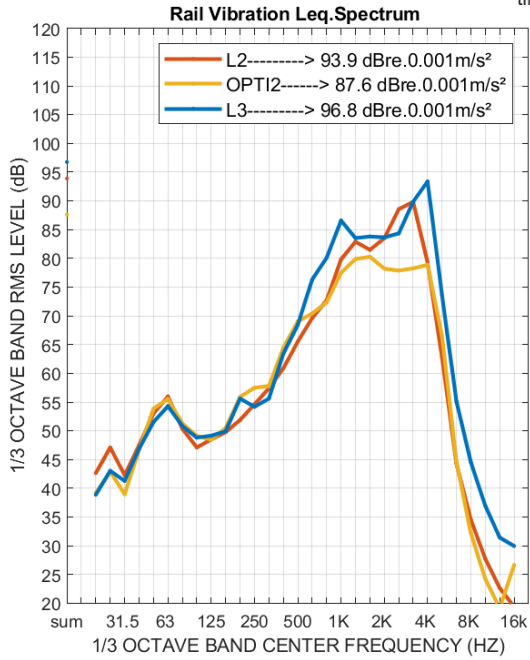
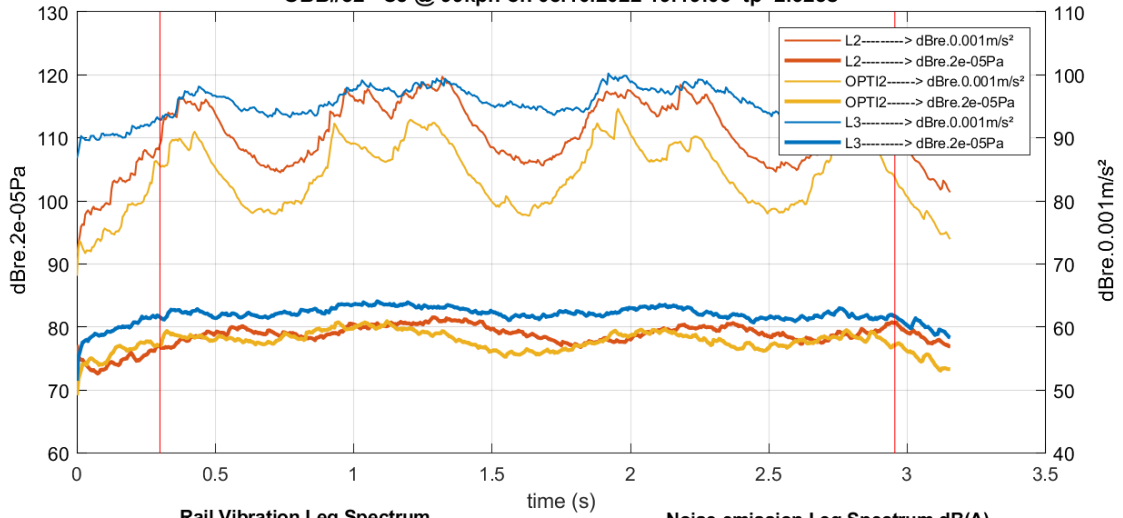


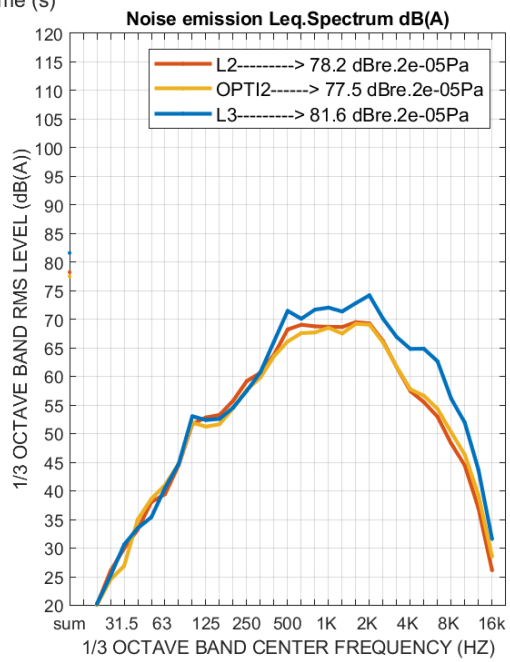
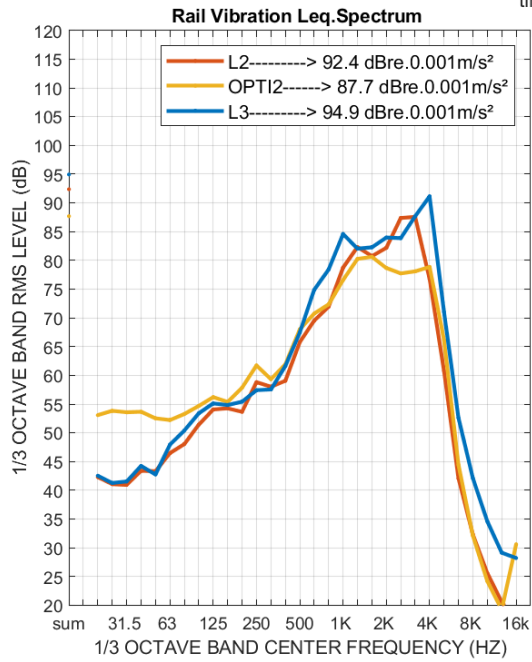
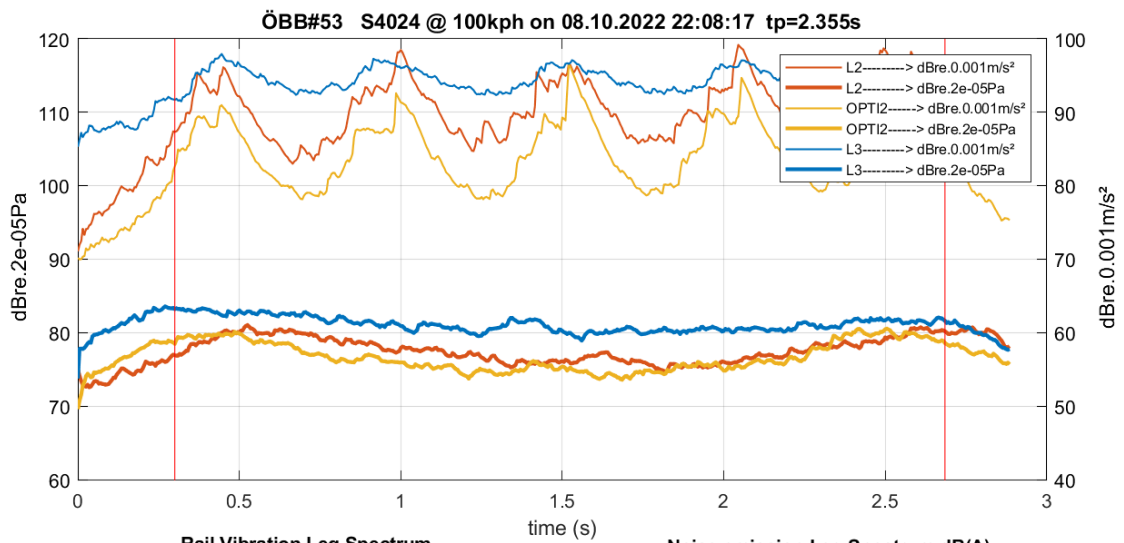




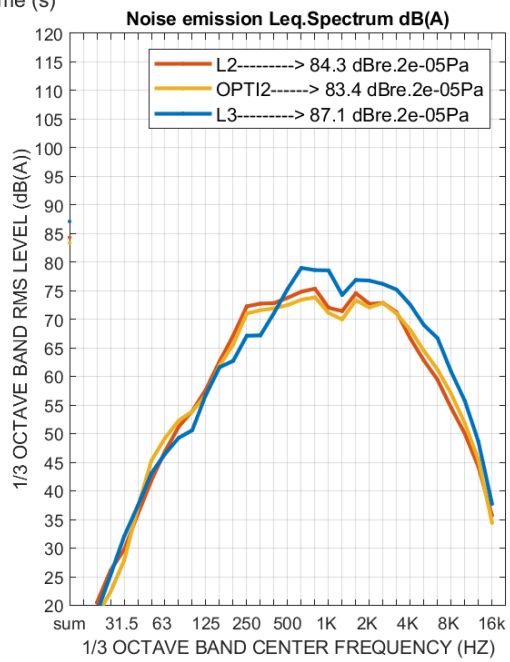
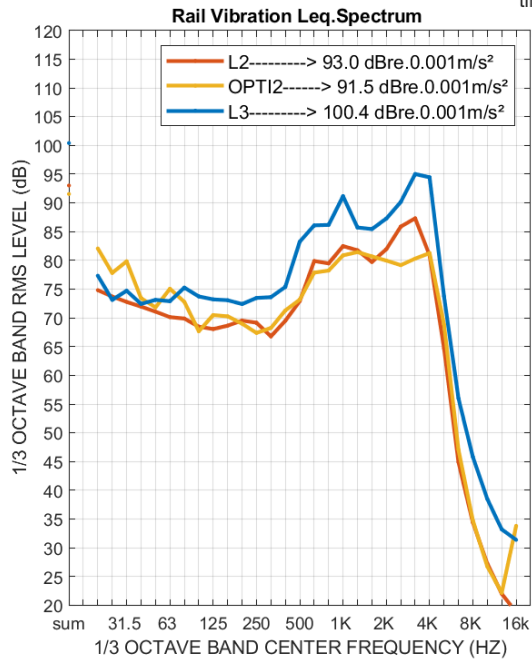
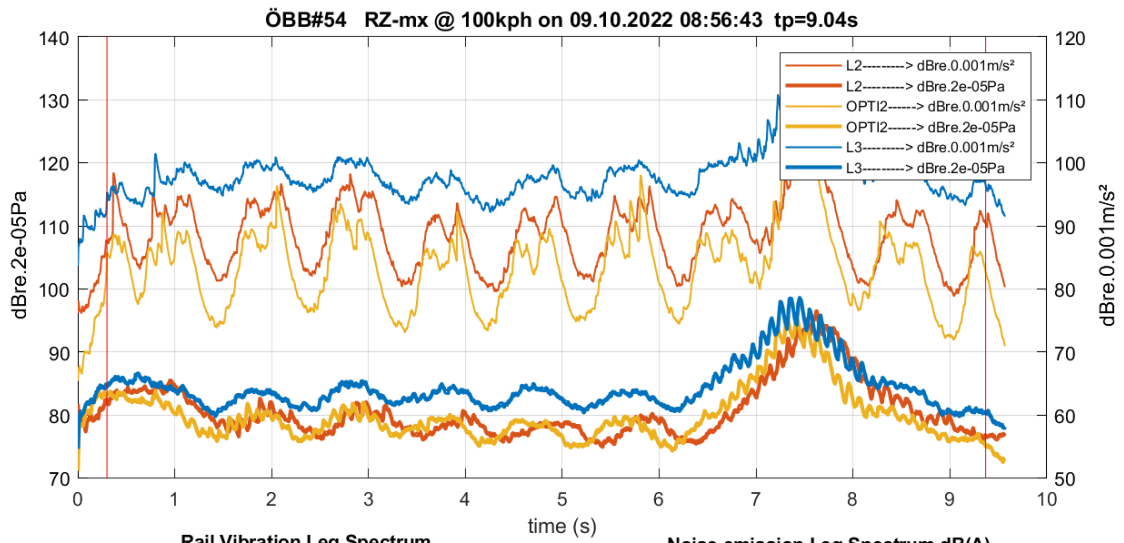


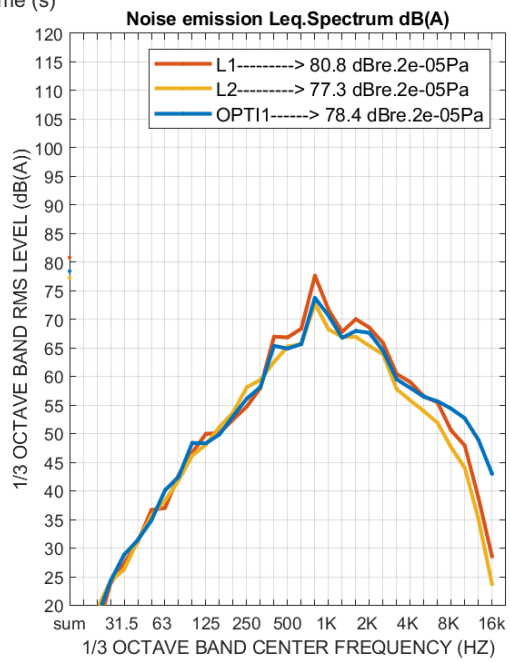
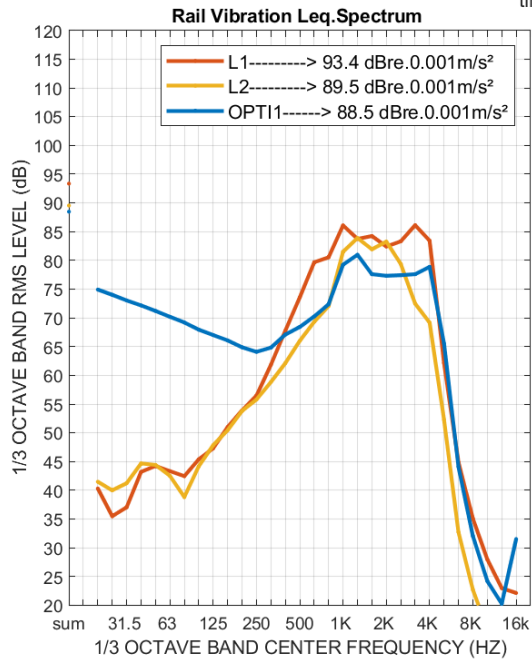
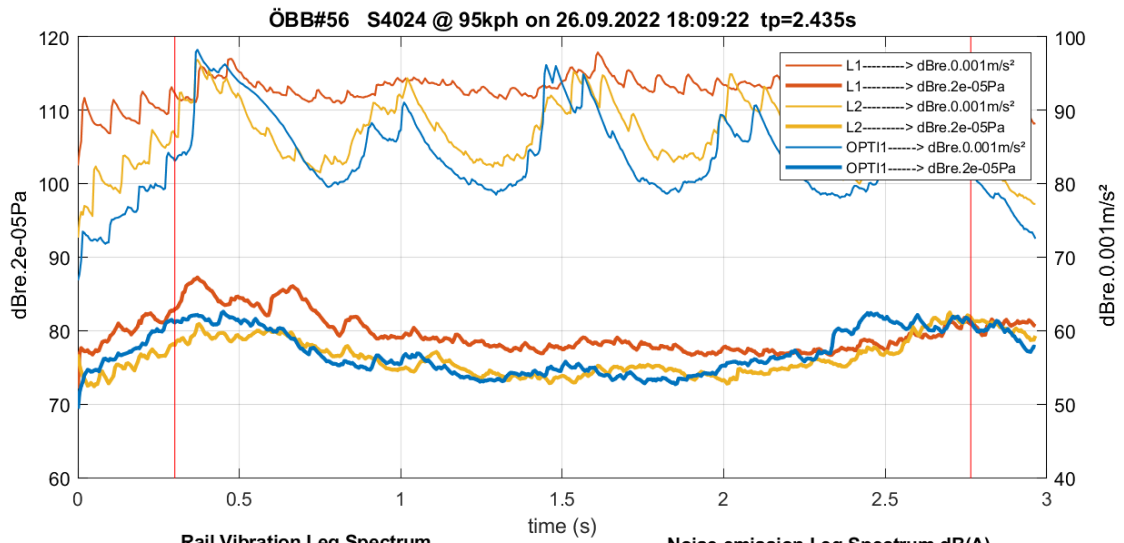
ÖBB#52 CJ @ 99kph on 08.10.2022 19:19:05 tp=2.625s

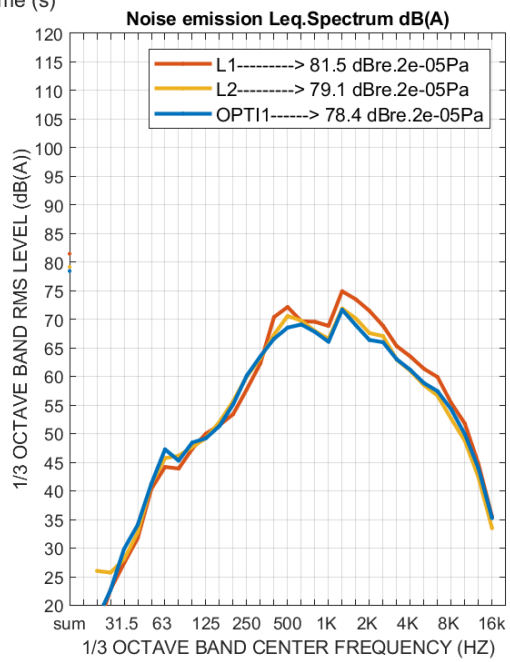
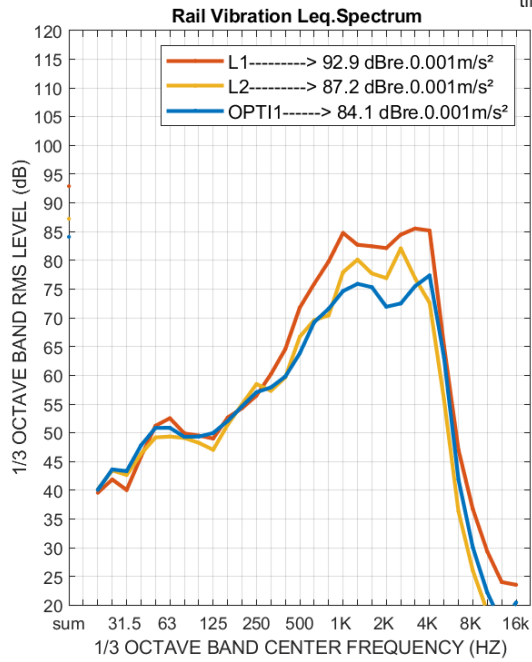
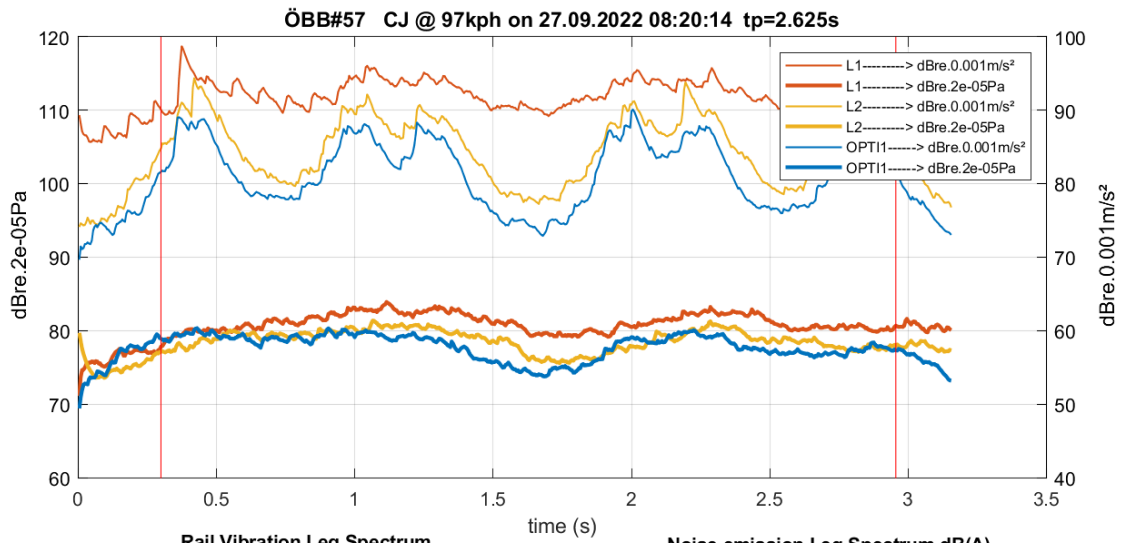




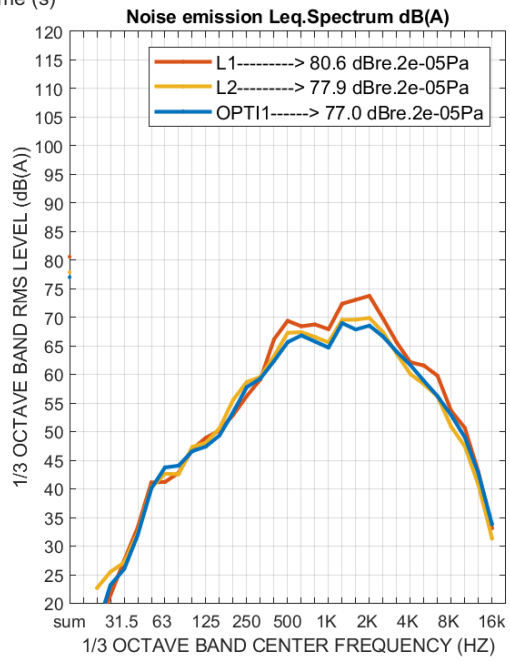
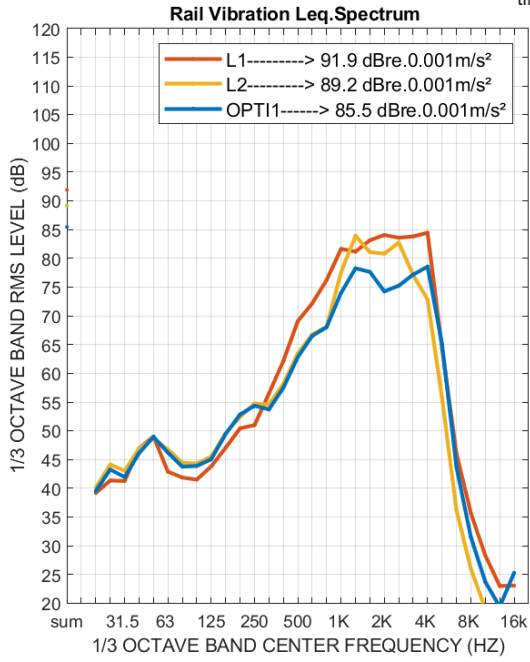
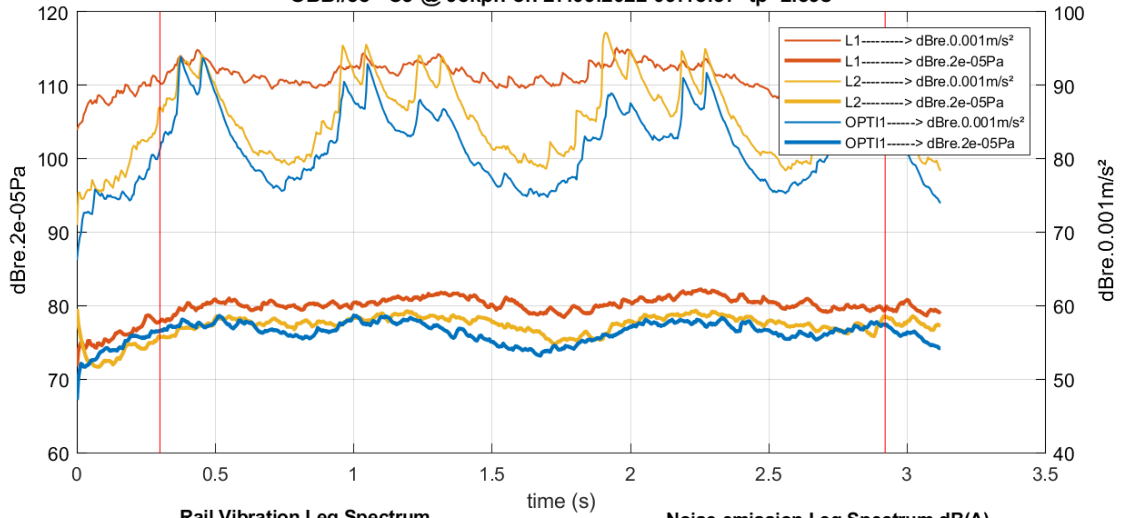




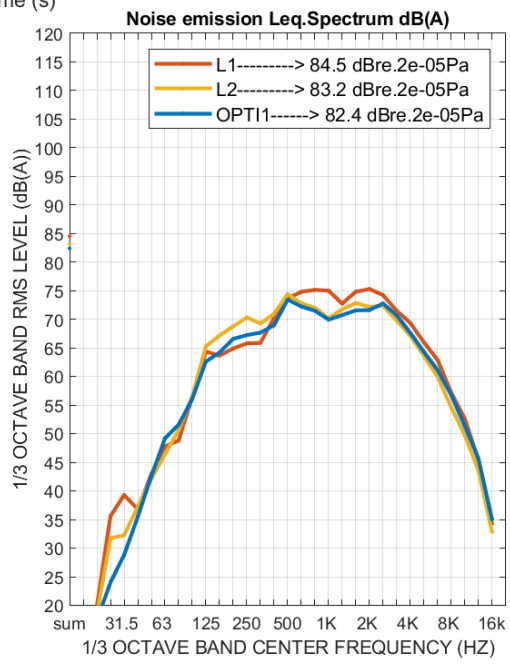
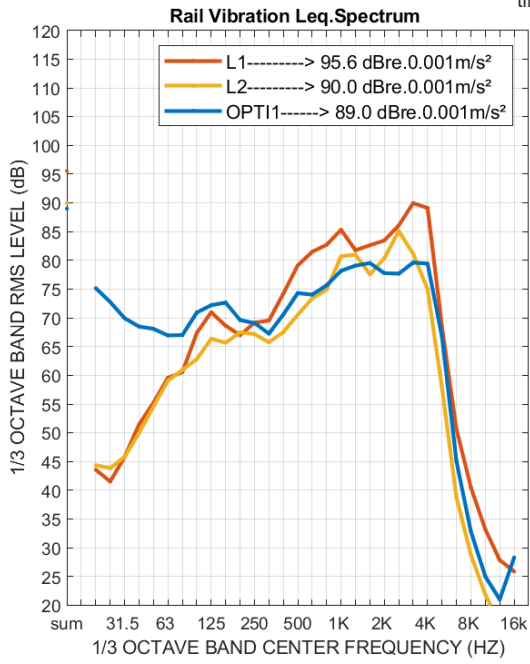
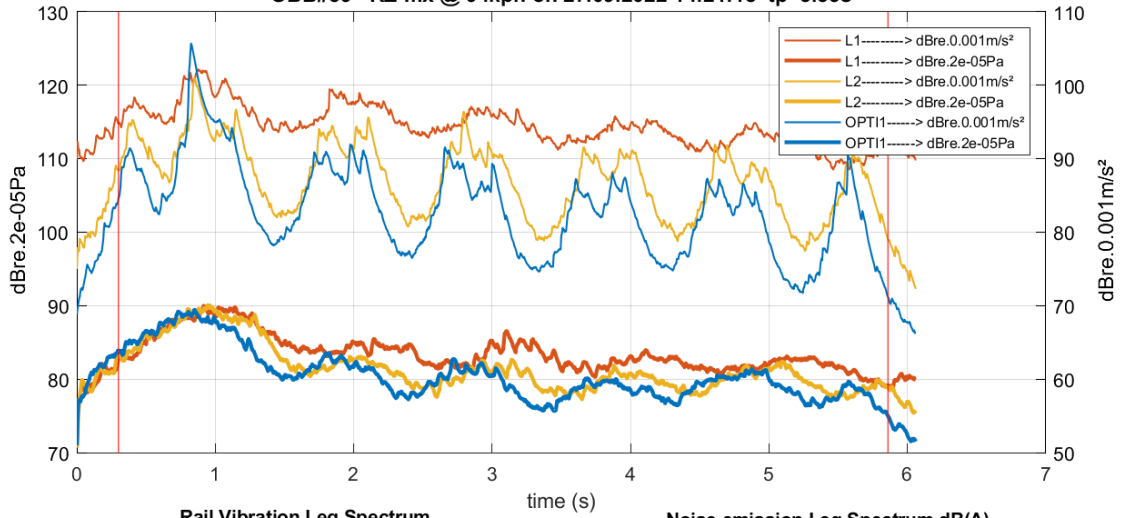


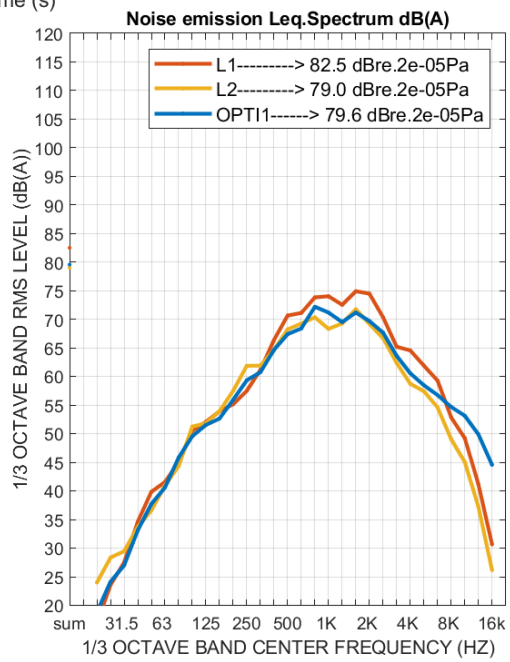
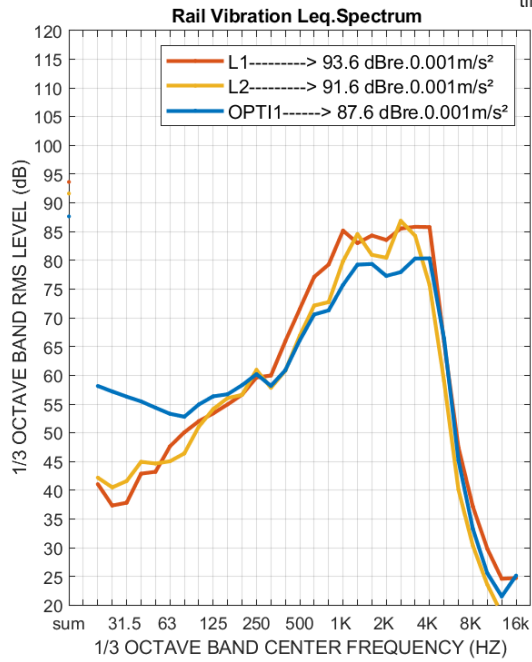
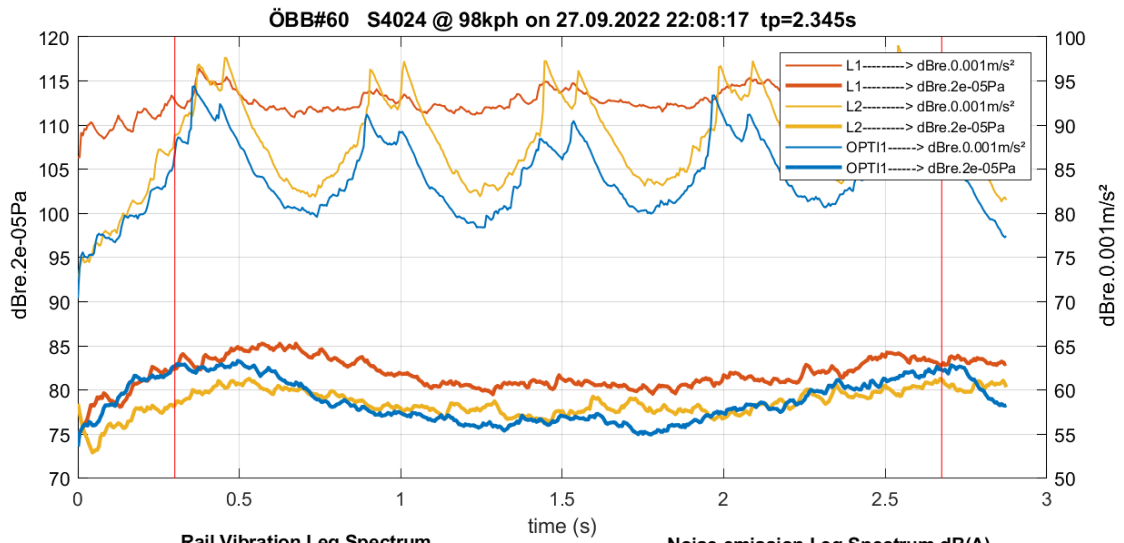


ÖBB#58 CJ @ 98kph on 27.09.2022 09:18:37 tp=2.59s

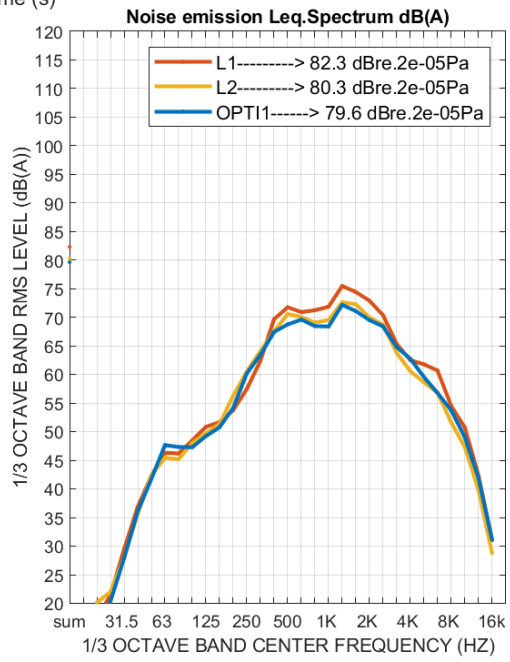
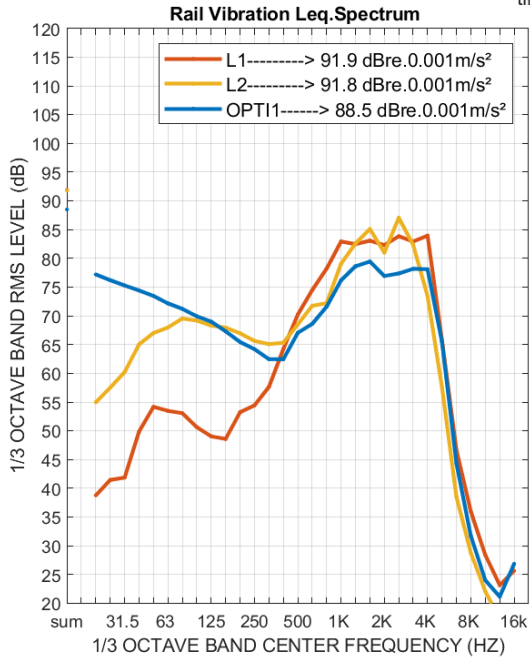
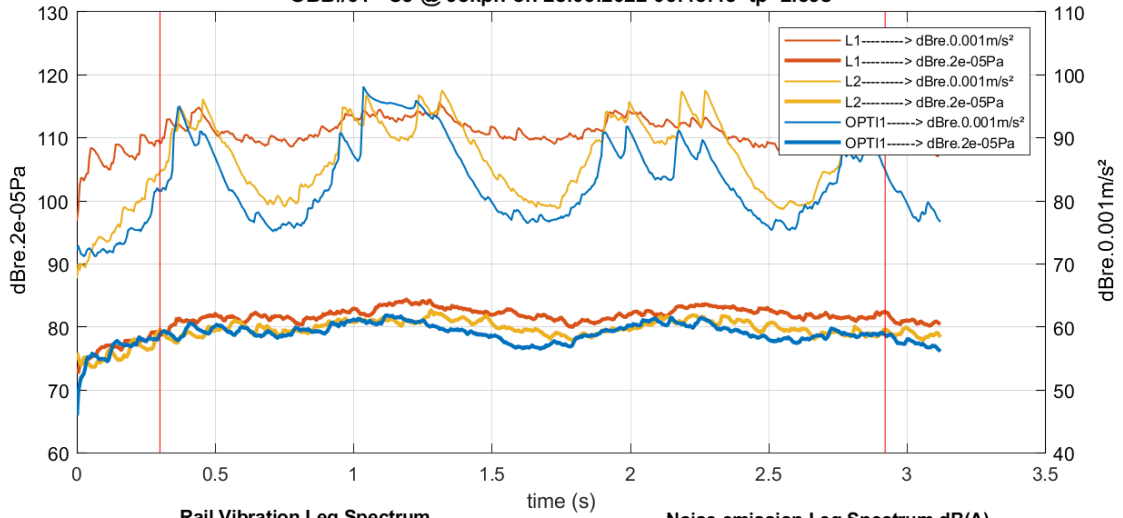


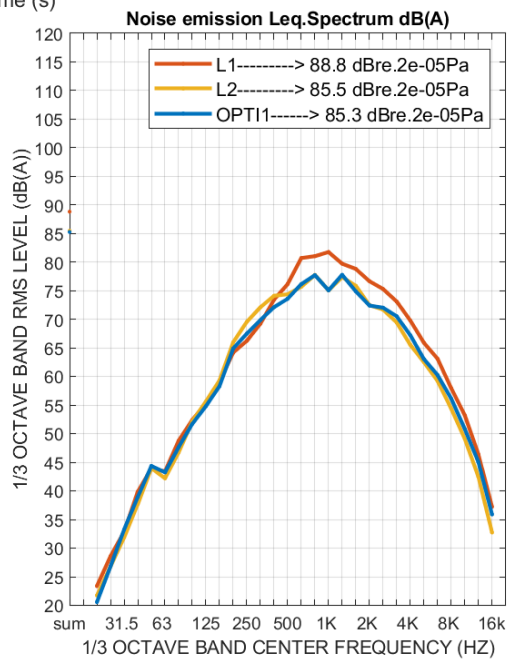
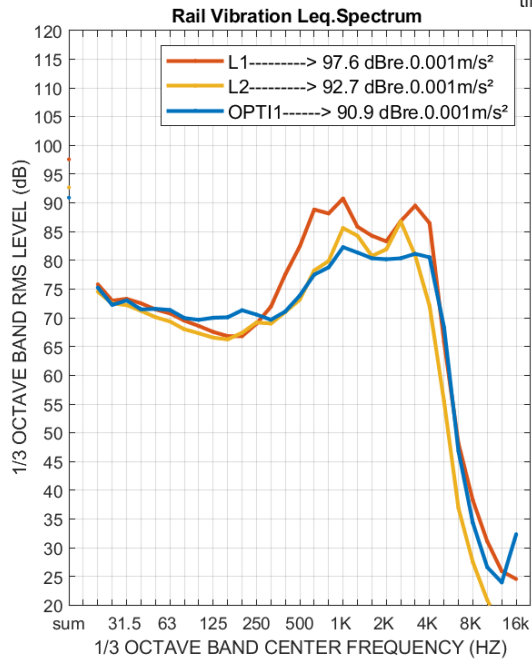
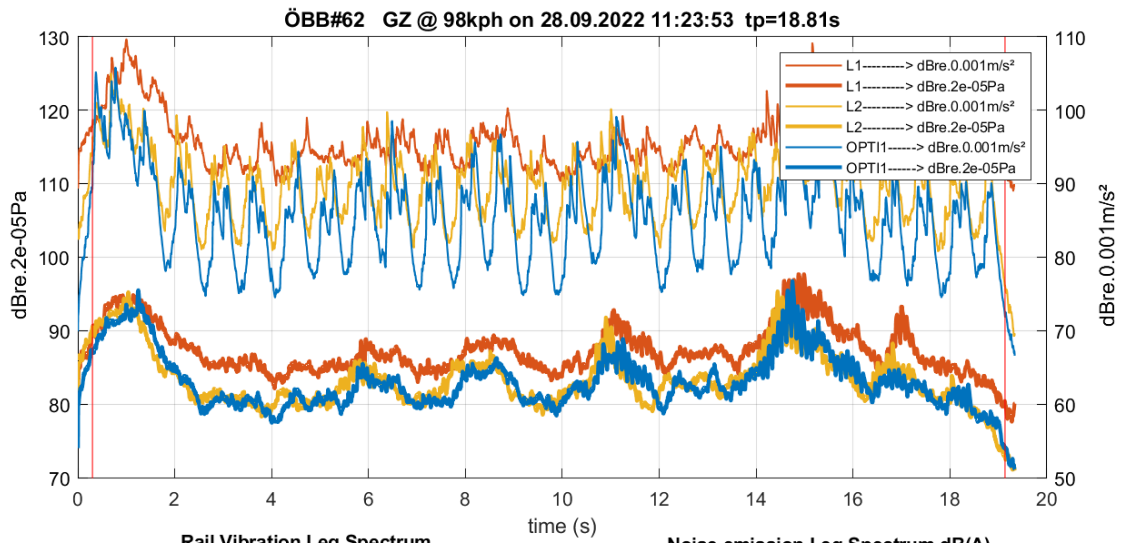
ÖBB#59 RZ-mx @ 94kph on 27.09.2022 14:21:18 tp=5.53s





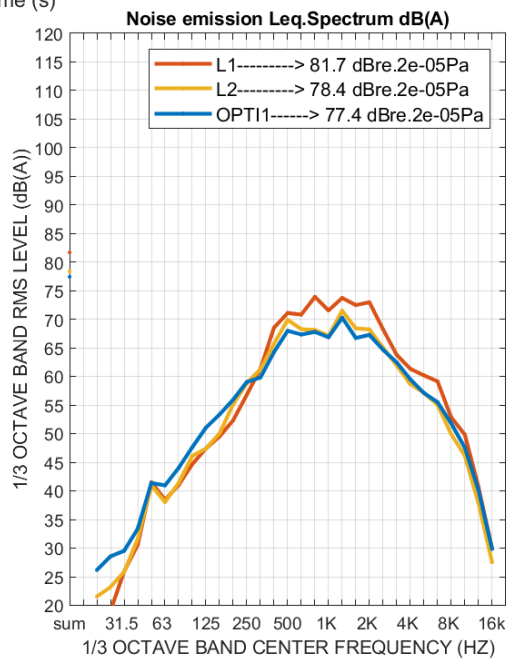
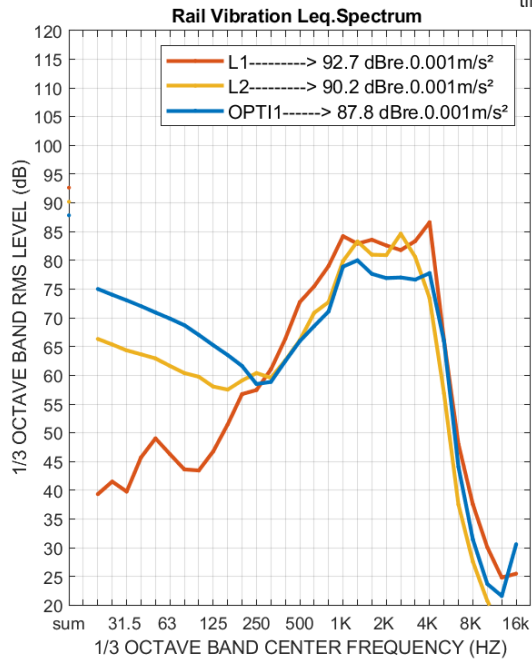
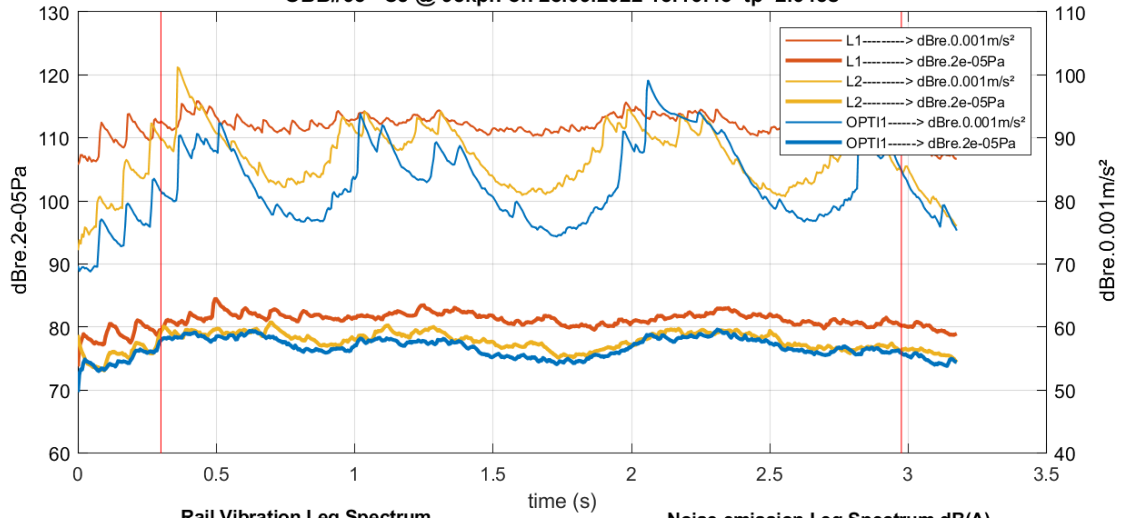
ÖBB#61 CJ @ 98kph on 28.09.2022 06:45:45 tp=2.59s

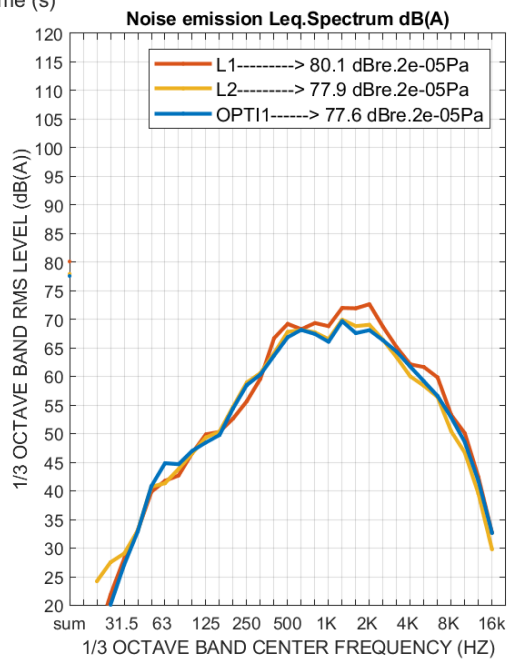
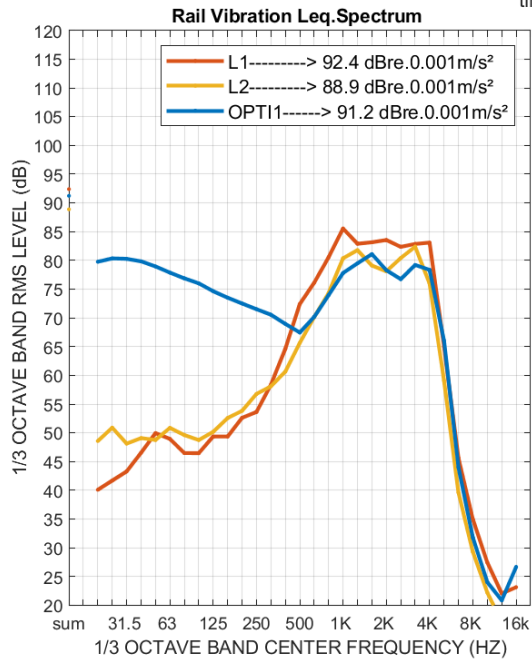
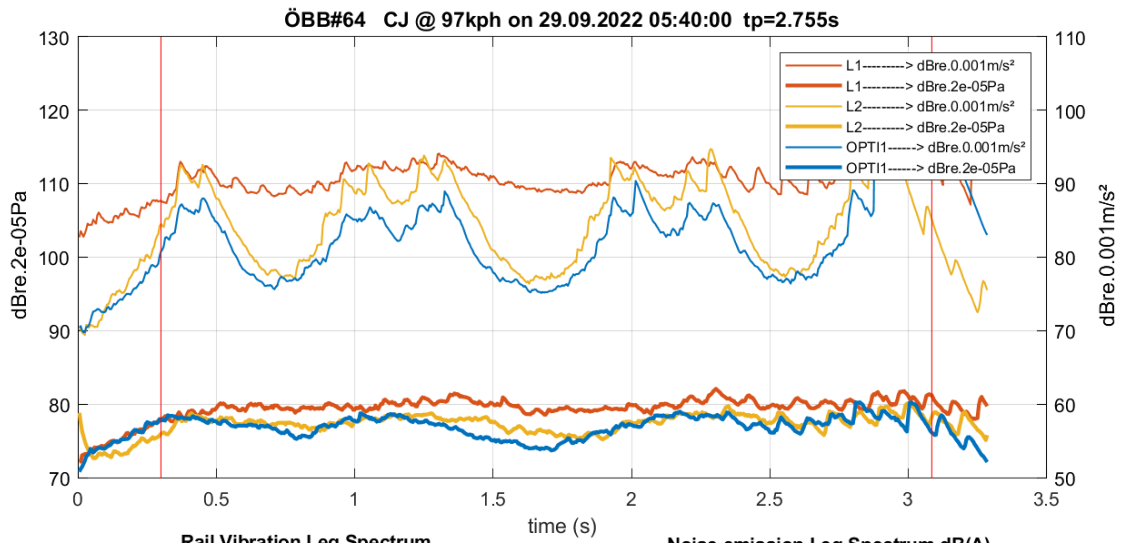


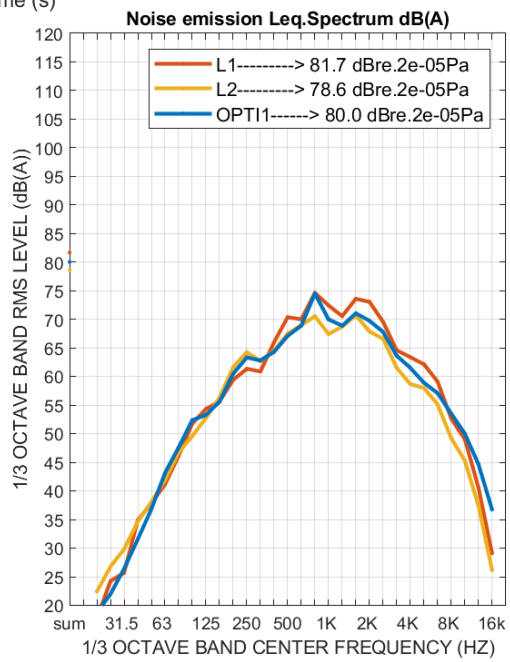
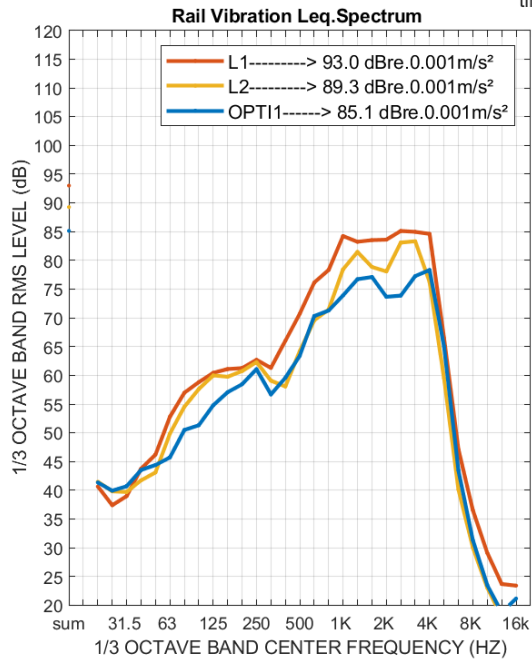
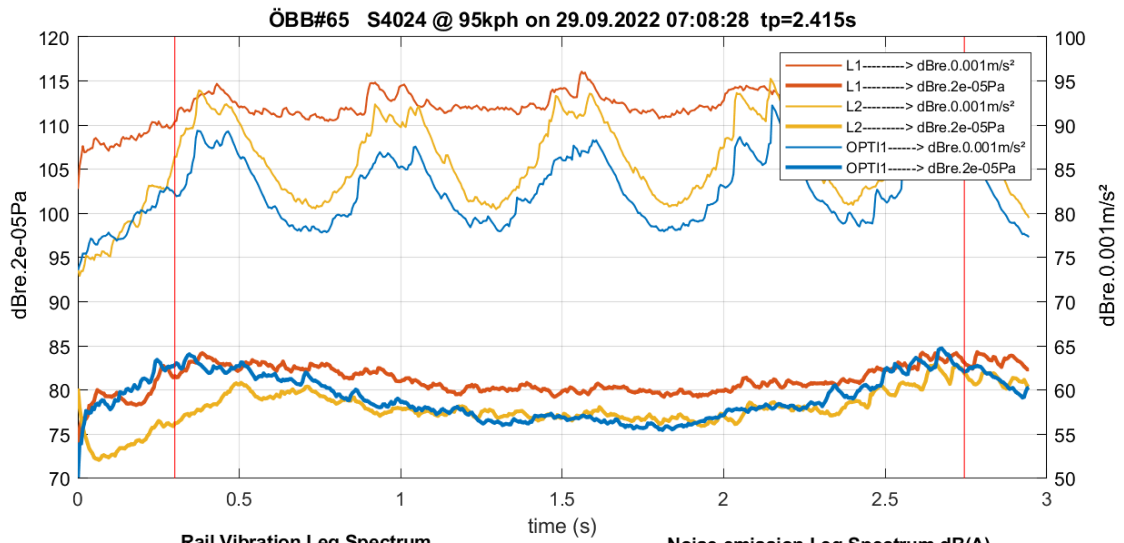


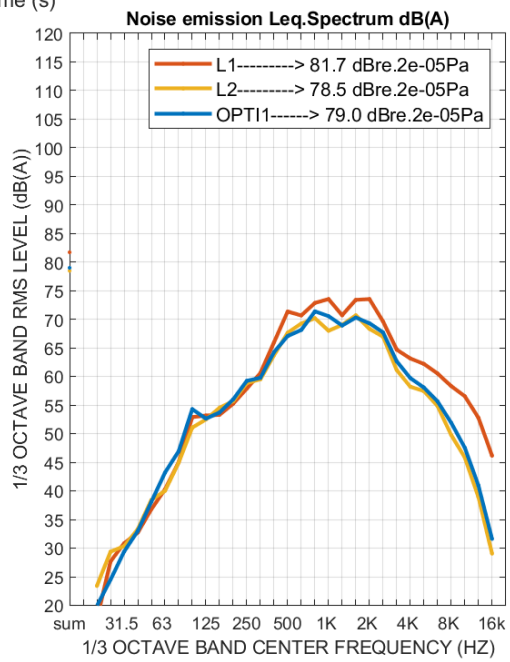
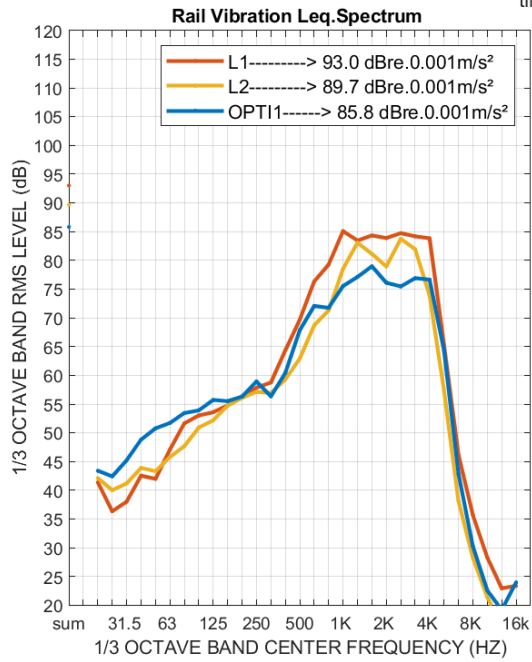
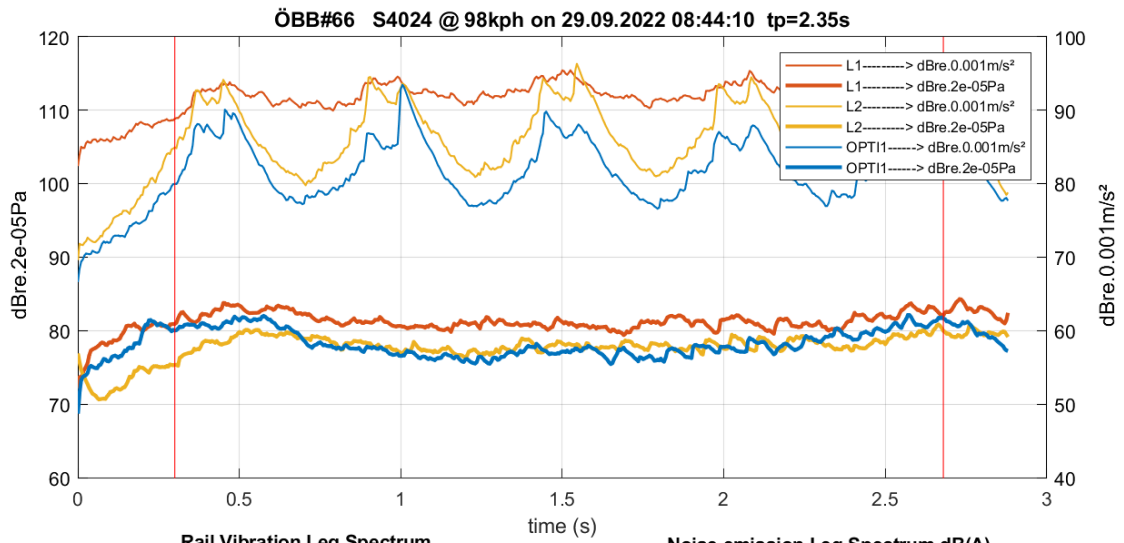


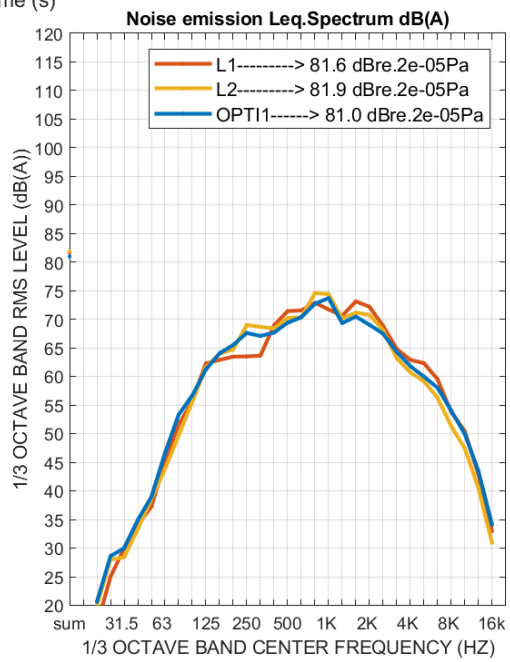
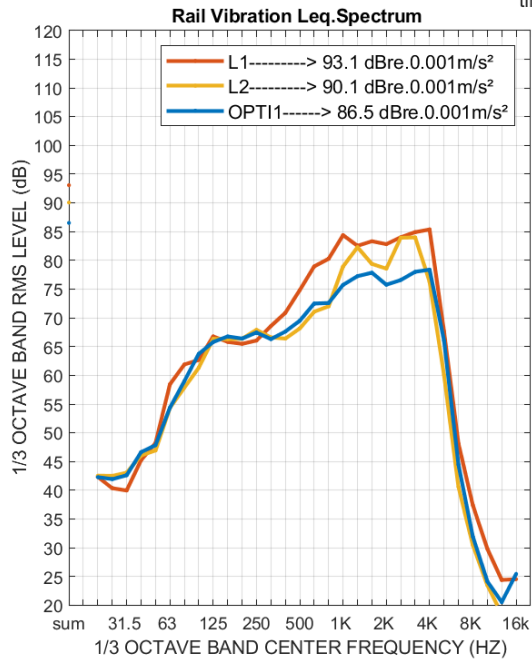
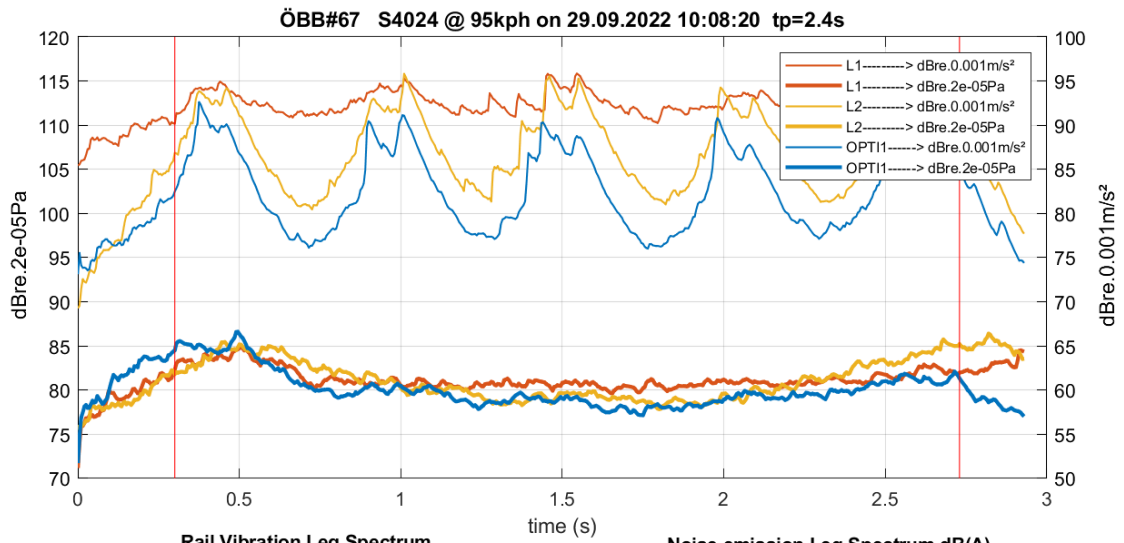
ÖBB#63 CJ @ 98kph on 28.09.2022 15:16:43 tp=2.645s

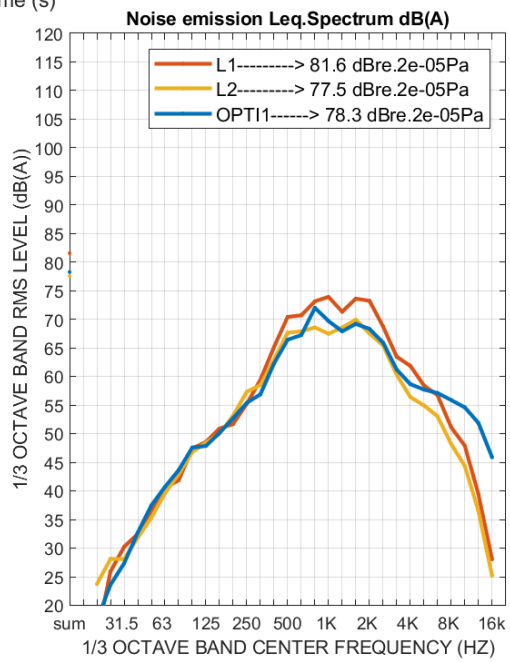
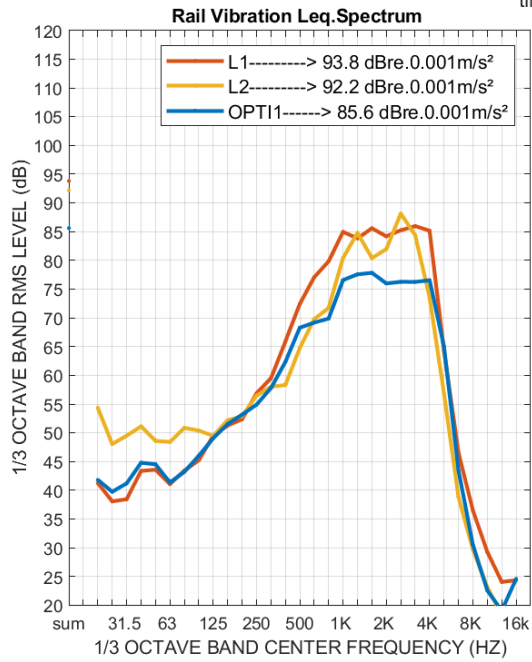
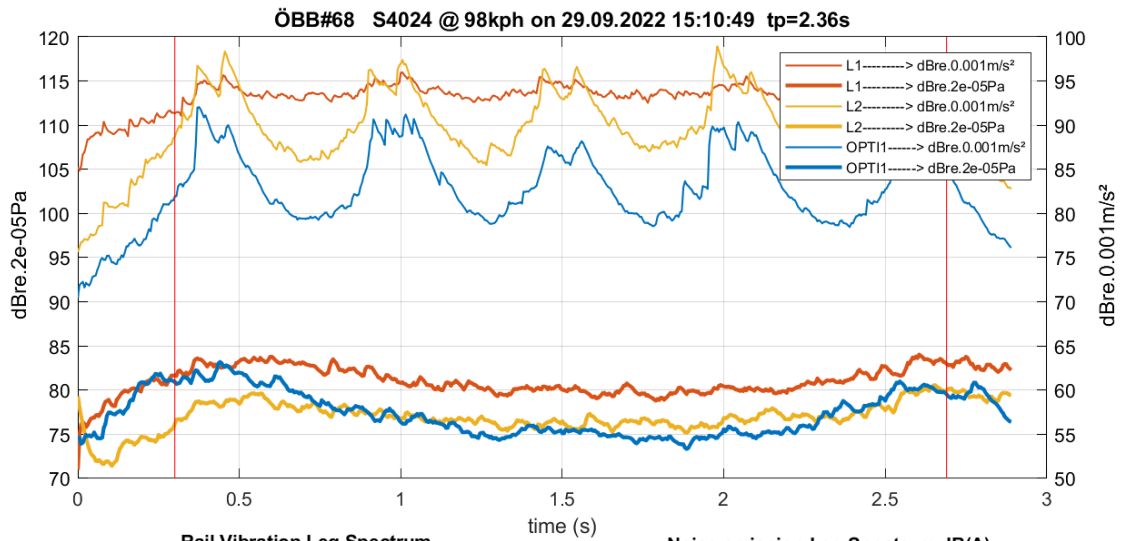


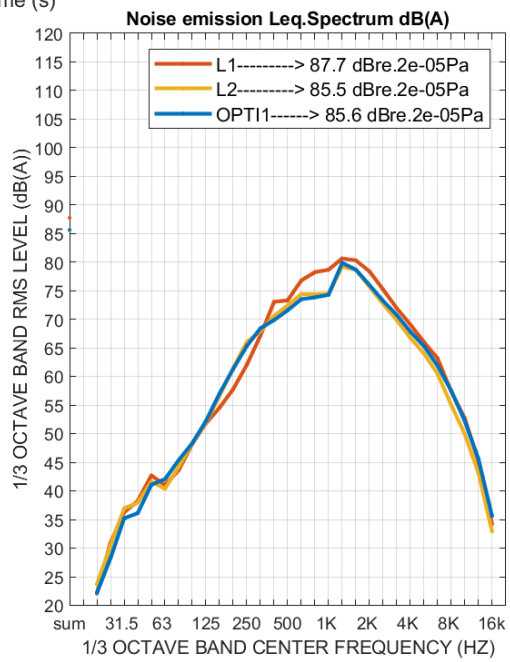
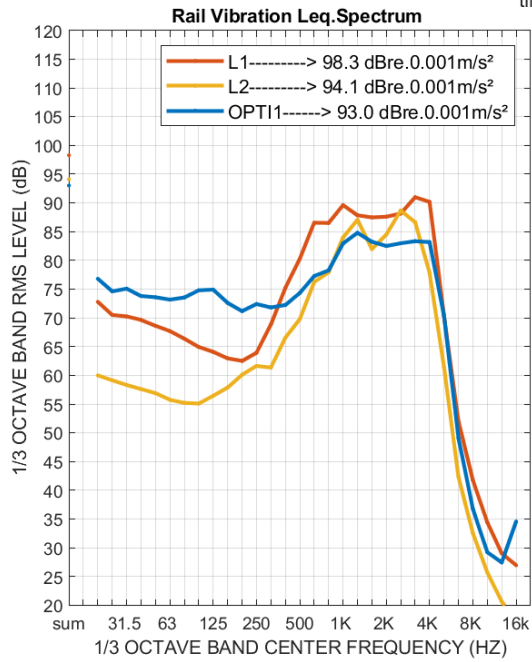
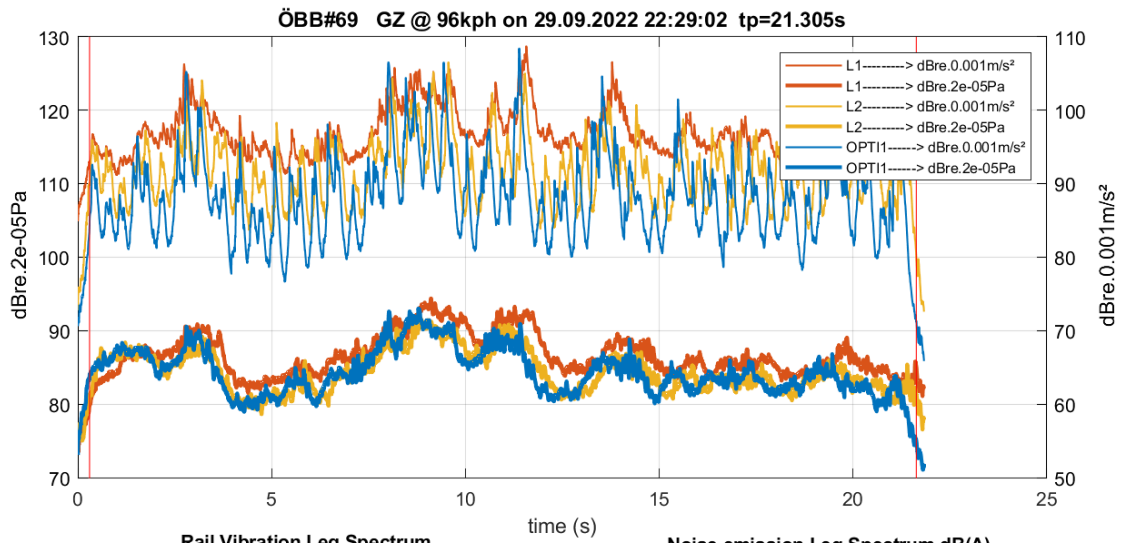


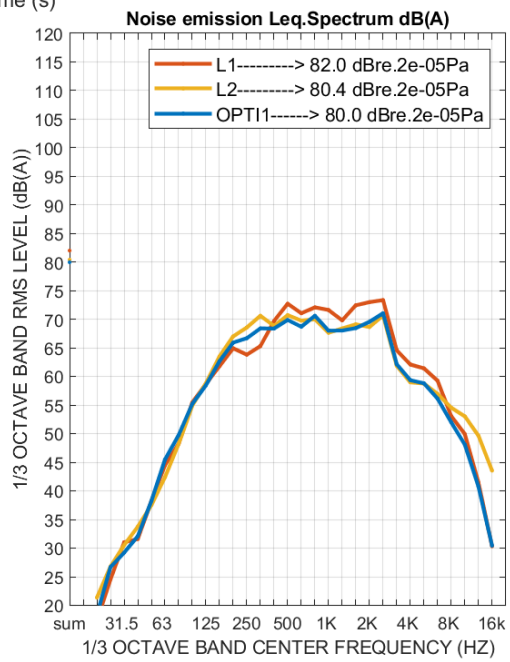
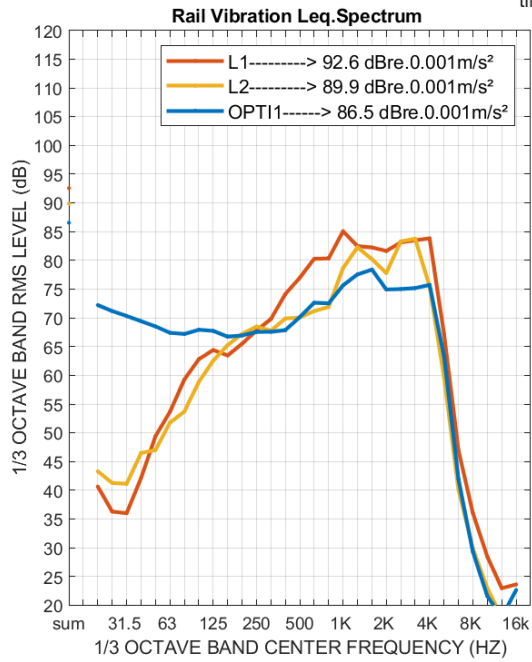
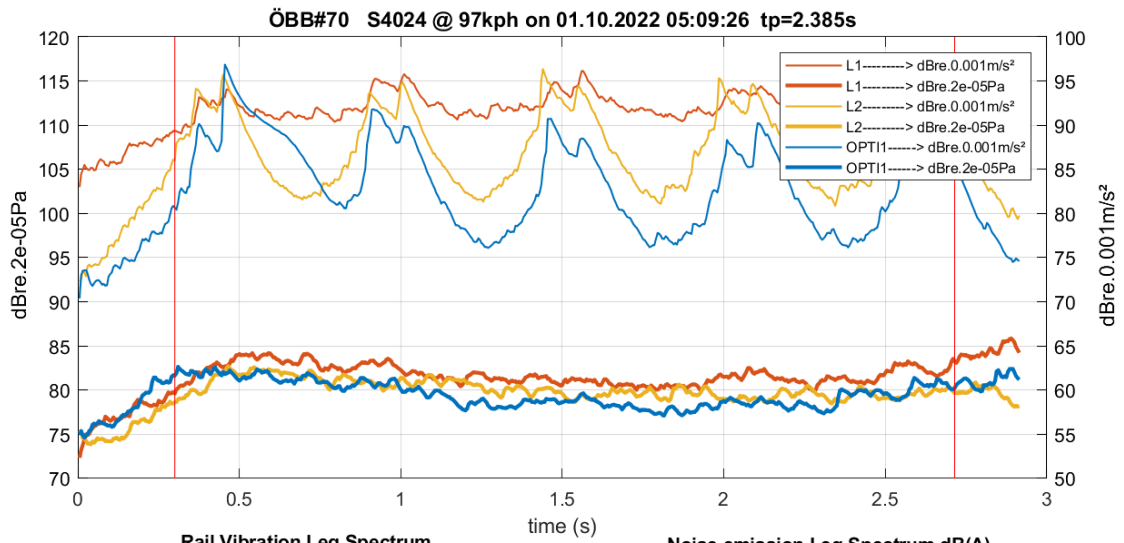






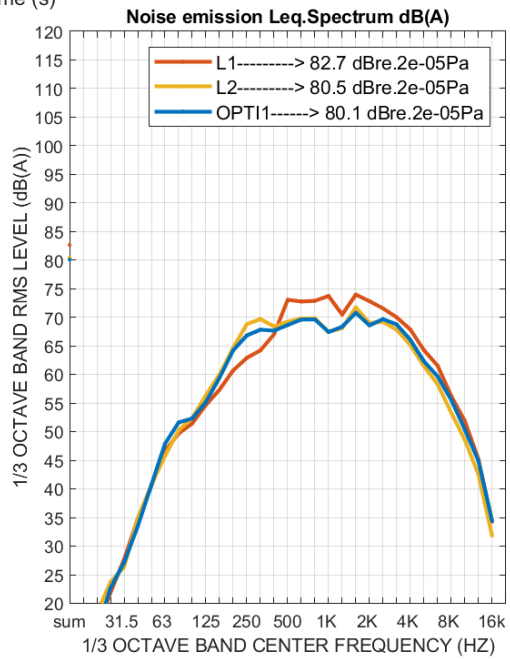
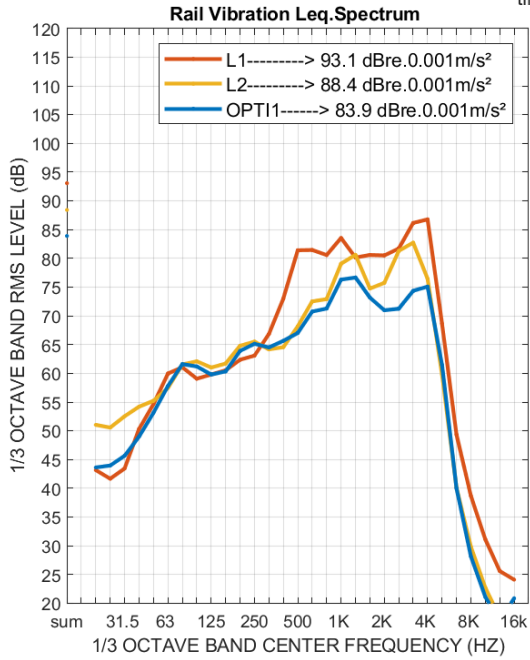
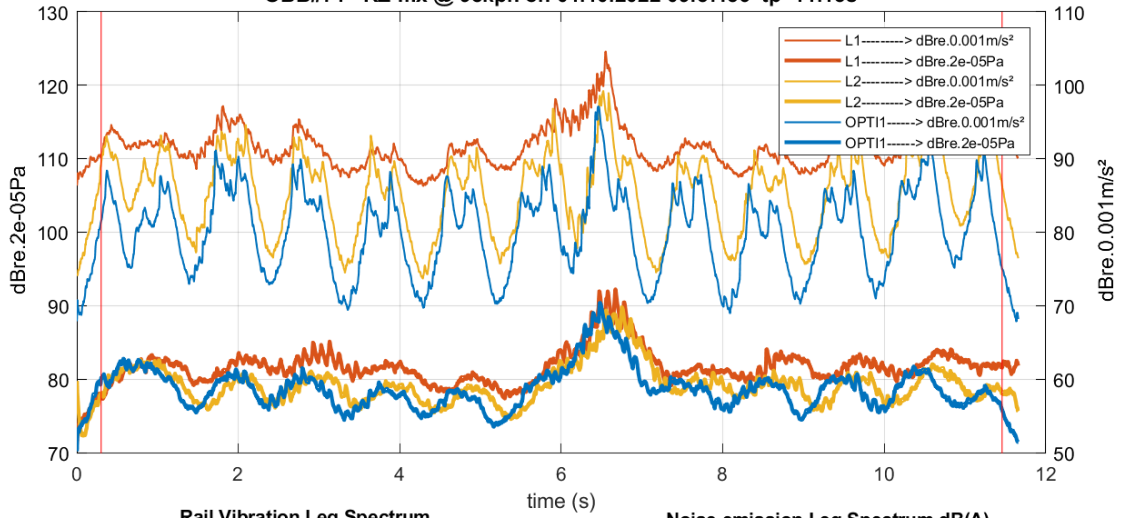


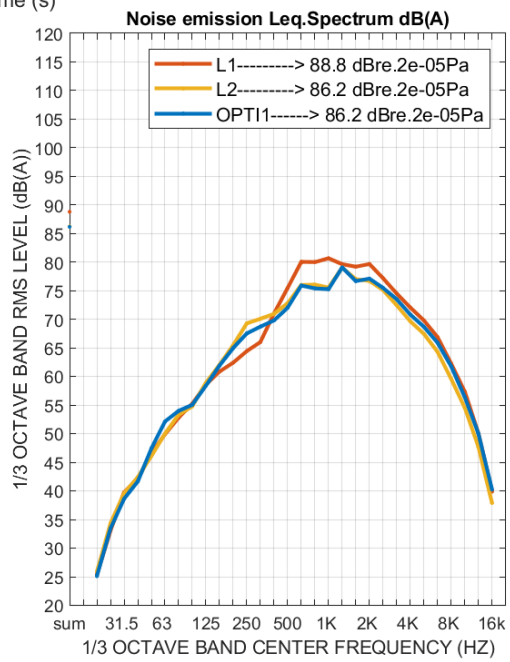
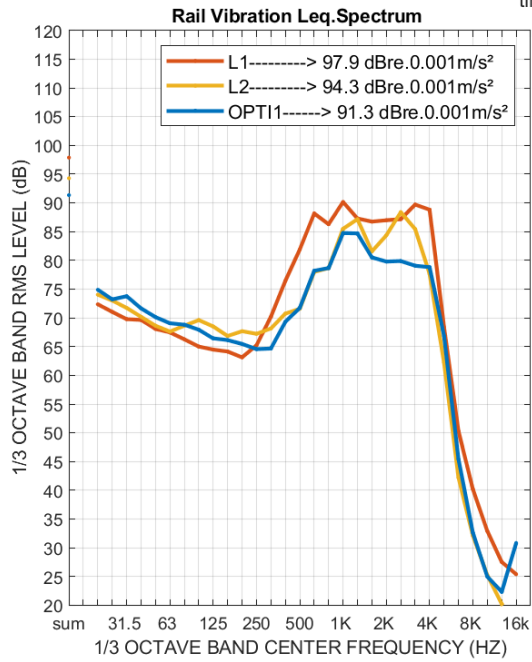
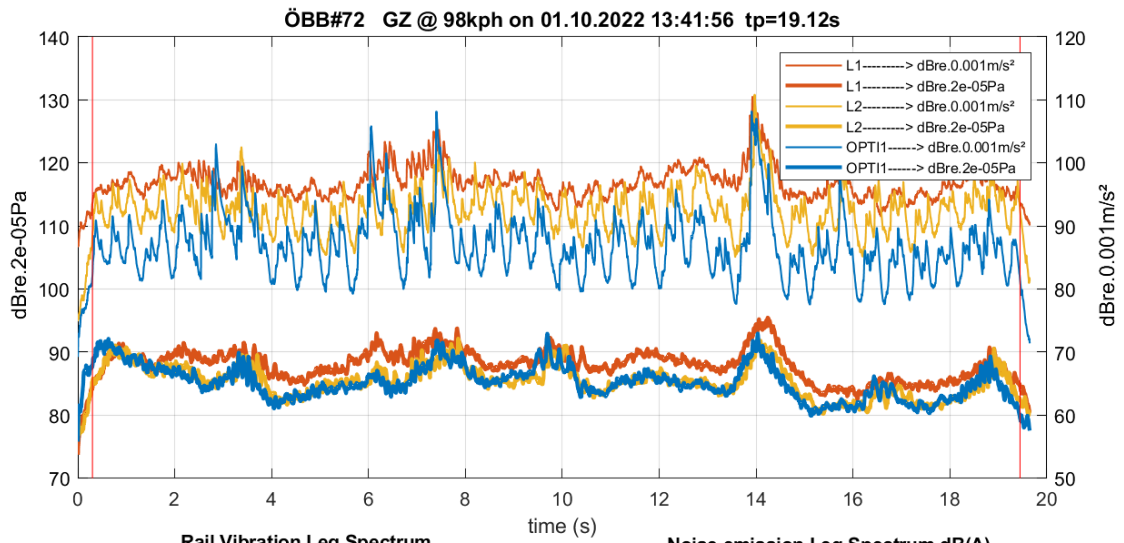


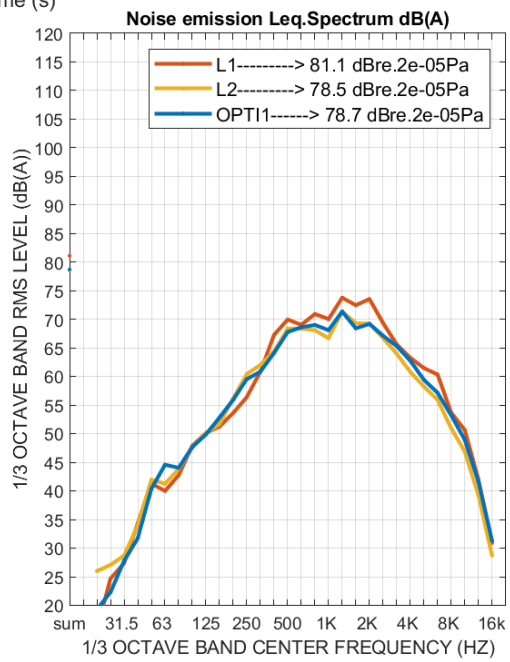
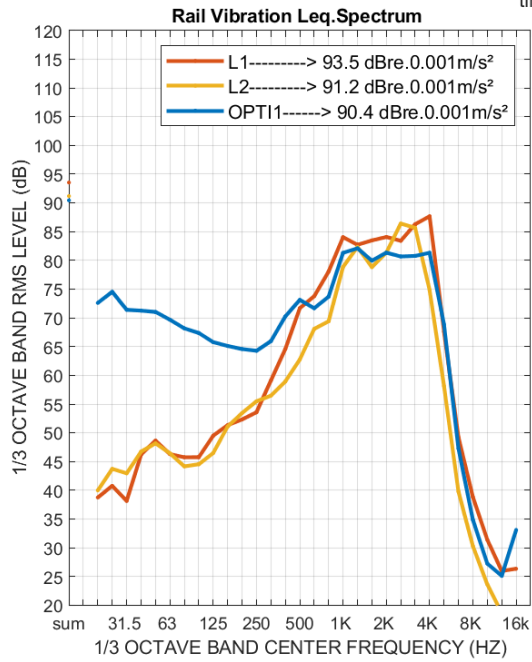
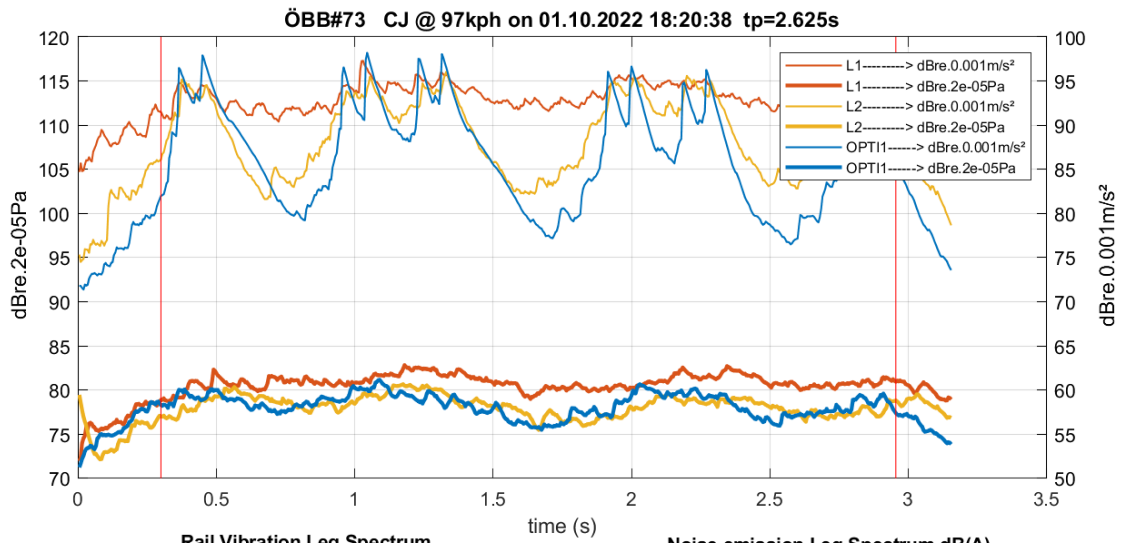


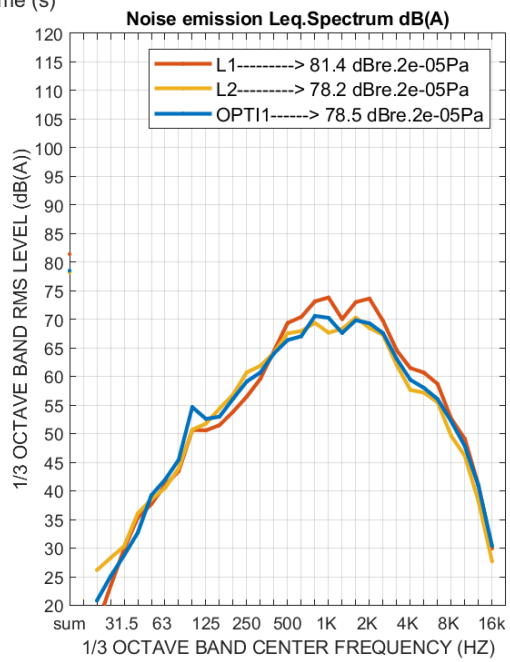
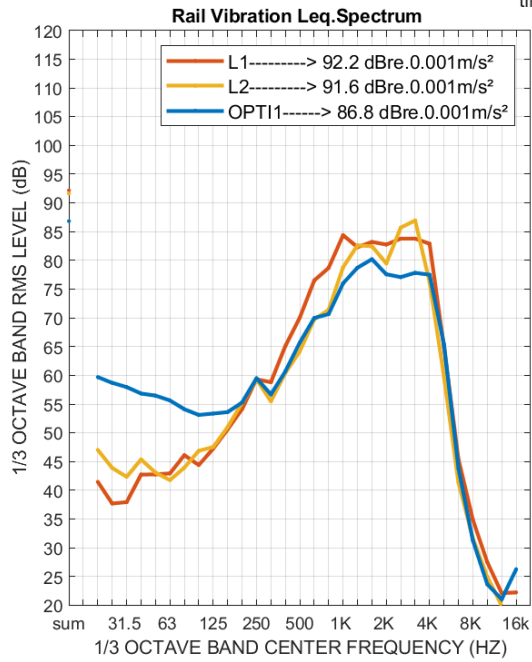
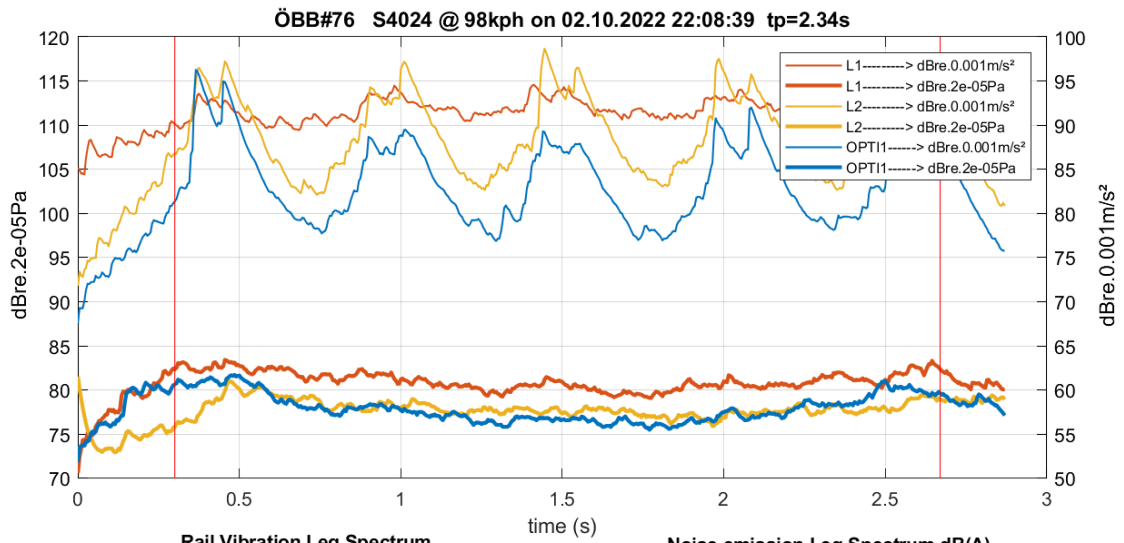


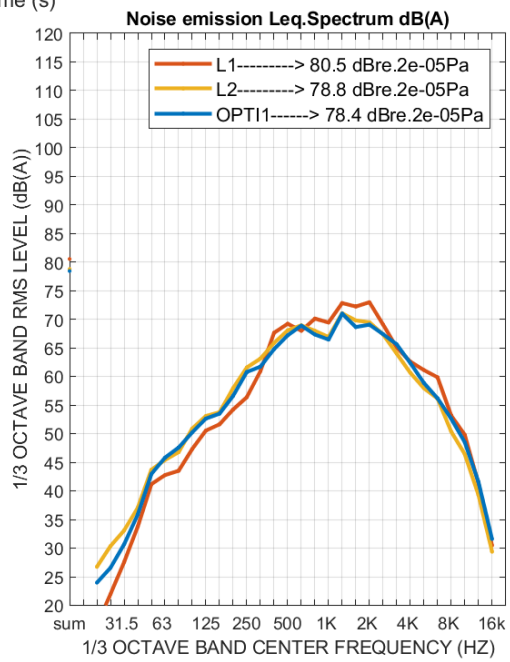
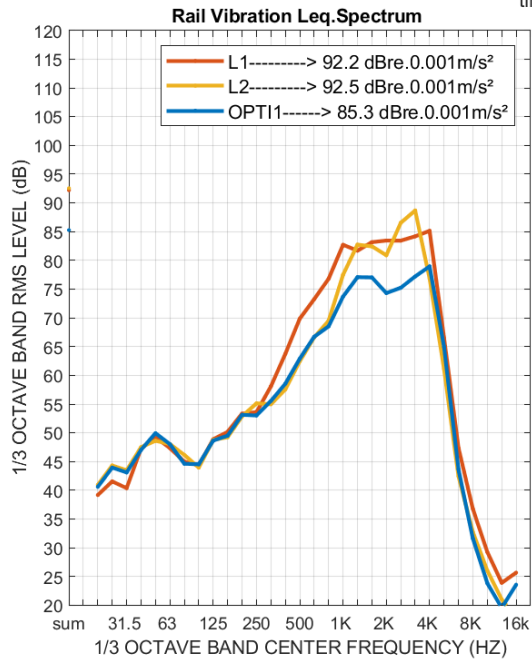
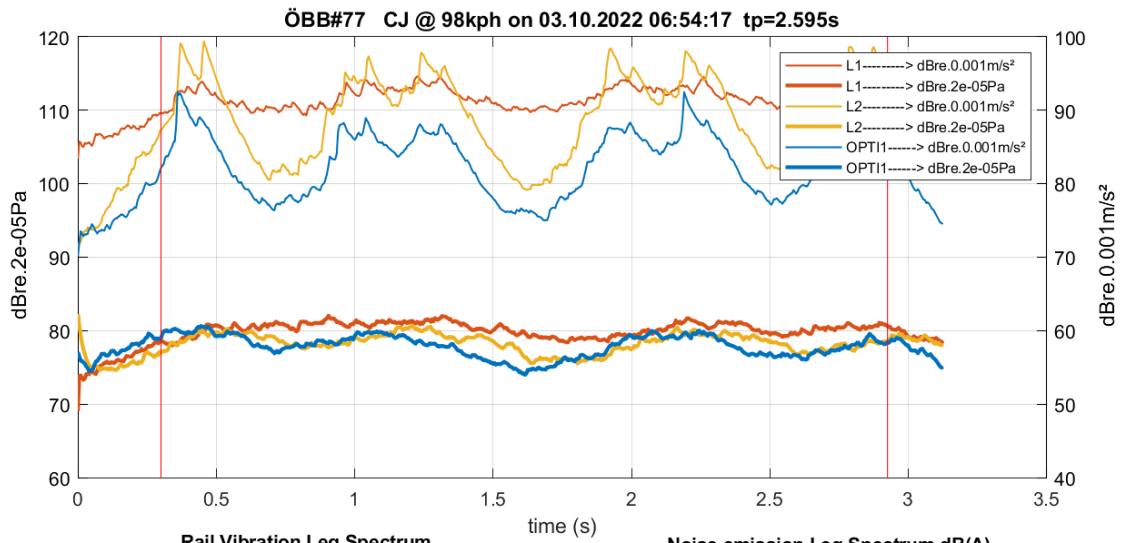
ÖBB#71 RZ-mx @ 98kph on 01.10.2022 09:57:56 tp=11.13s

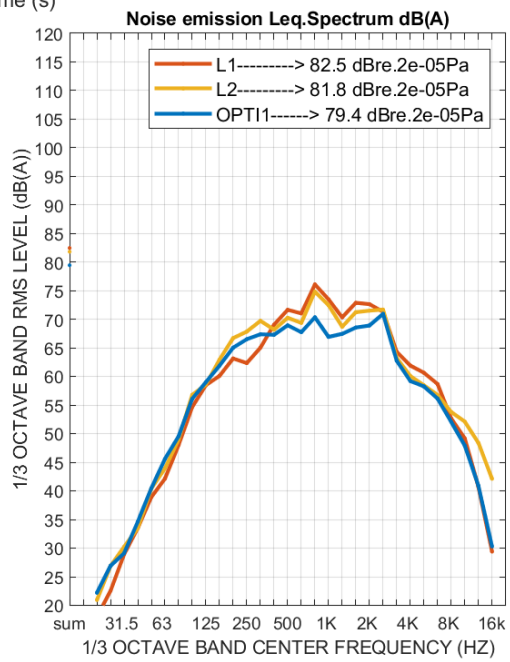
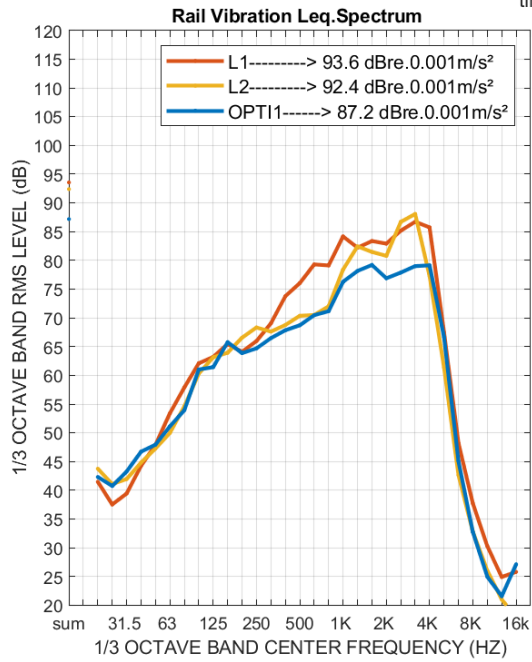
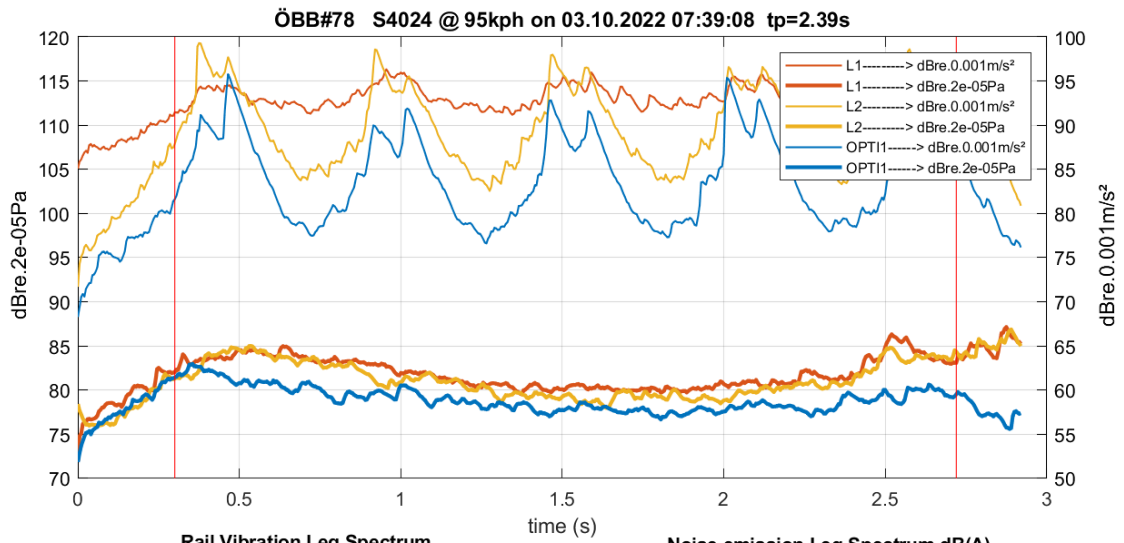












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Published by: UIC Sustainability  
Directors of publication: Pinar Yilmazer, Lorenzo Franzoni  
Cover and layout: Ludovic Wattignies  
Photo credits: DB AG, Infrabel  
Printing: UIC

ISBN 978-2-7461-3330-3  
Copyright deposit: October 2023

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