



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

October 2023



INTERNATIONAL UNION  
OF RAILWAYS

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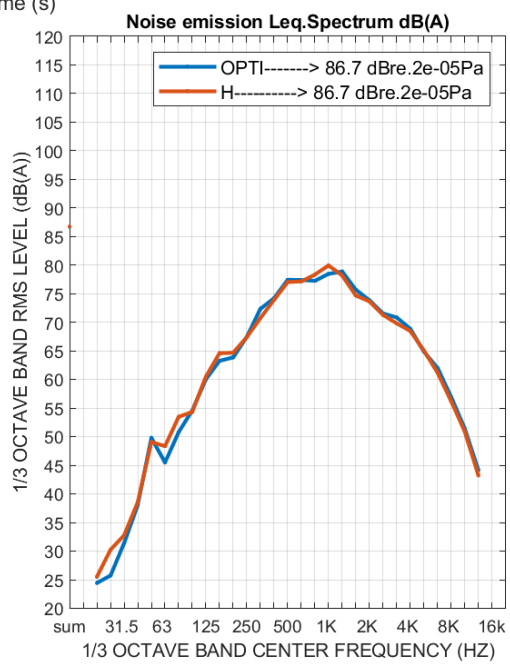
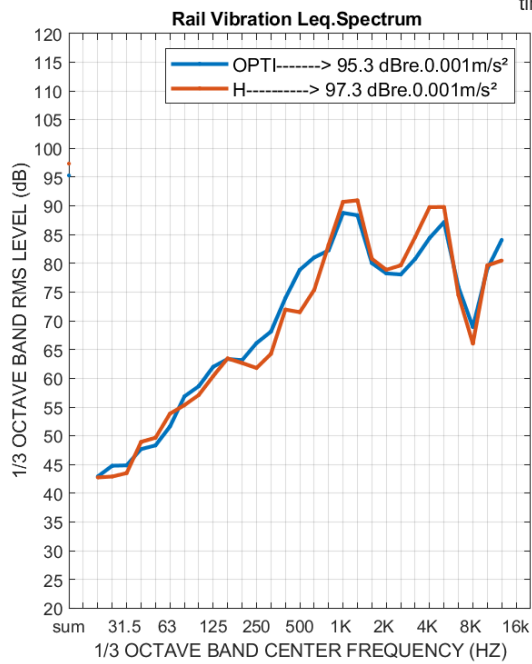
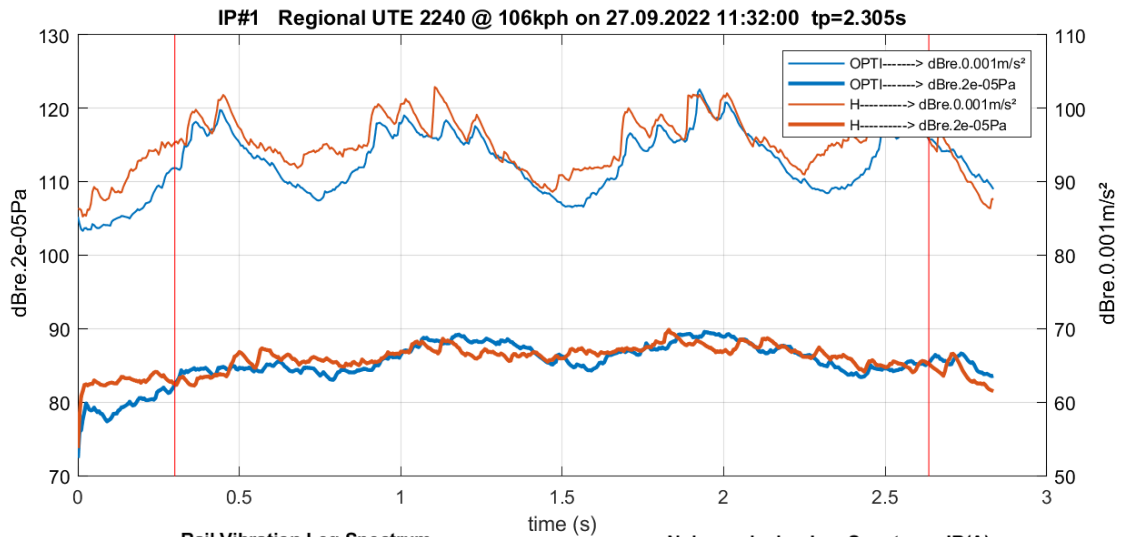
This annex, provided in a separate document, gives a detailed and graphic overview of the pass by data collected from each project member throughout the project. All results showing the noise reduction and detailed pass-by analysis, calculated on the basis of the data available in the LOWNOISEPAD software 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.

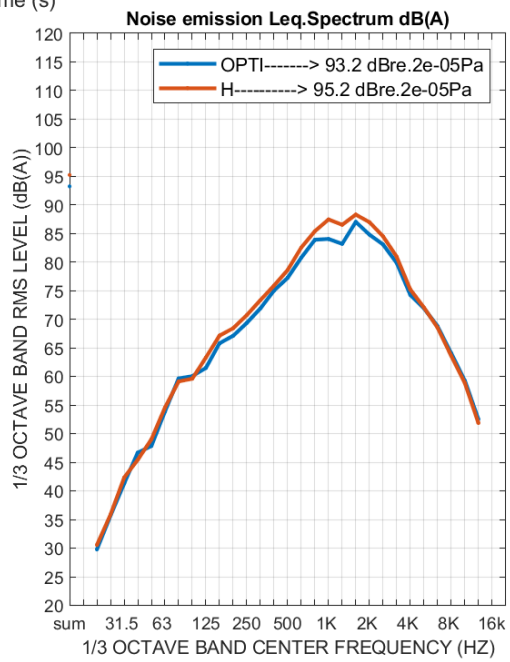
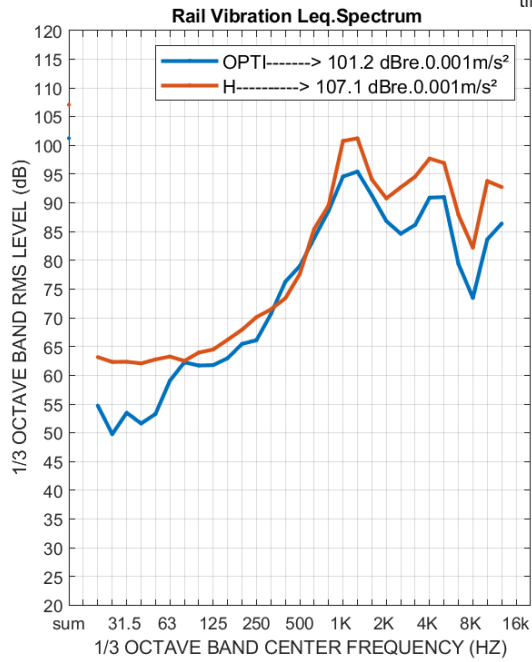
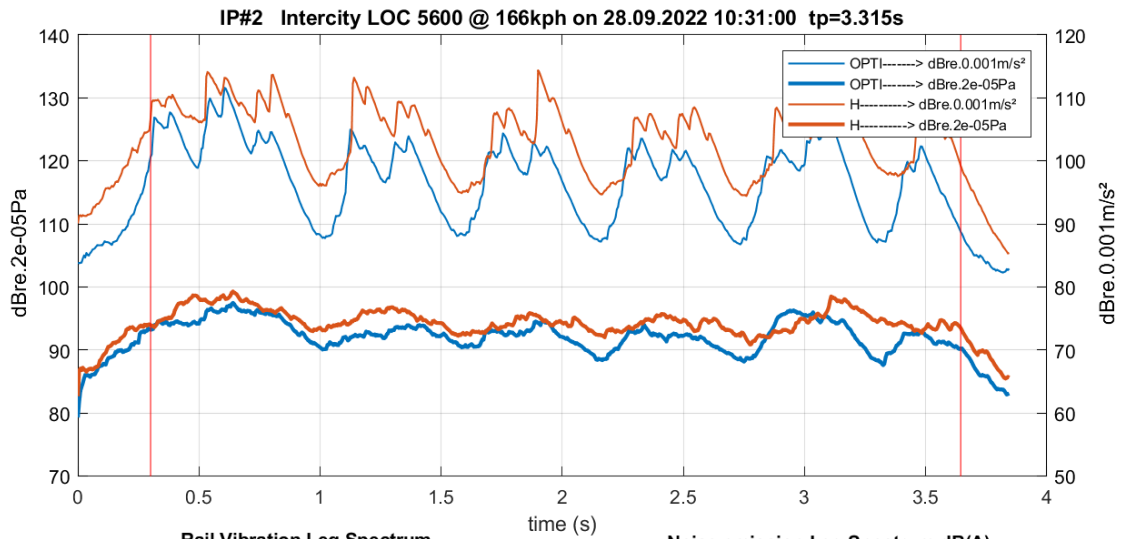


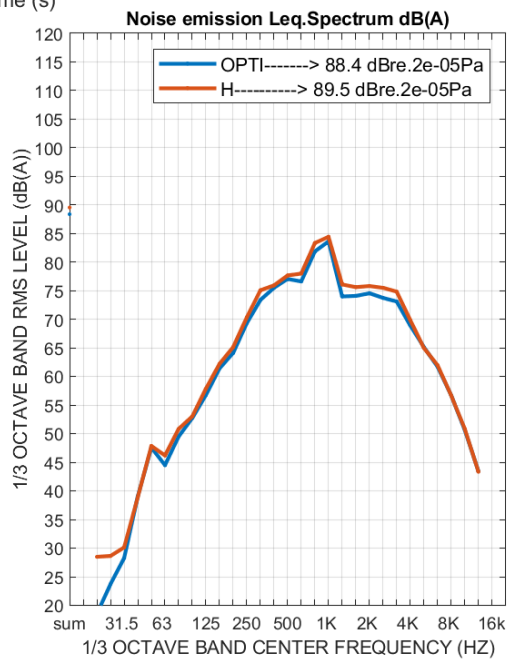
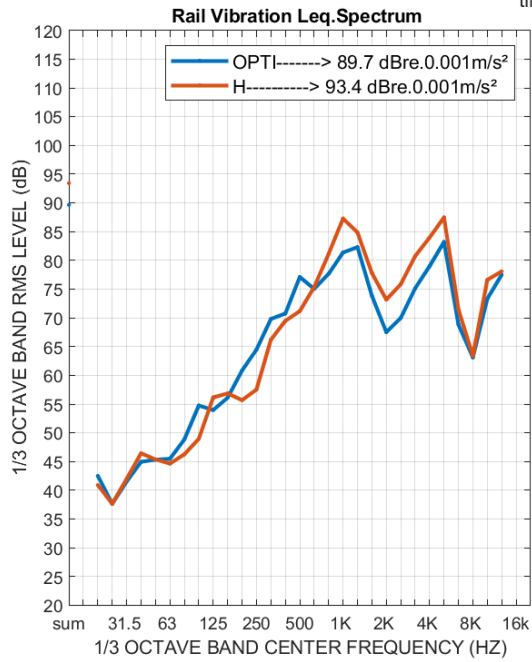
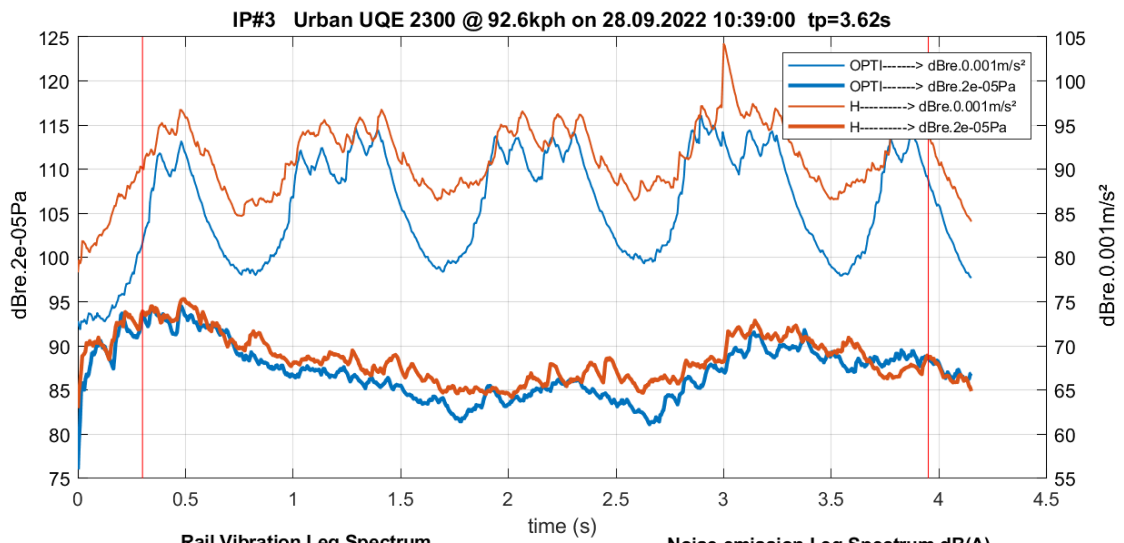
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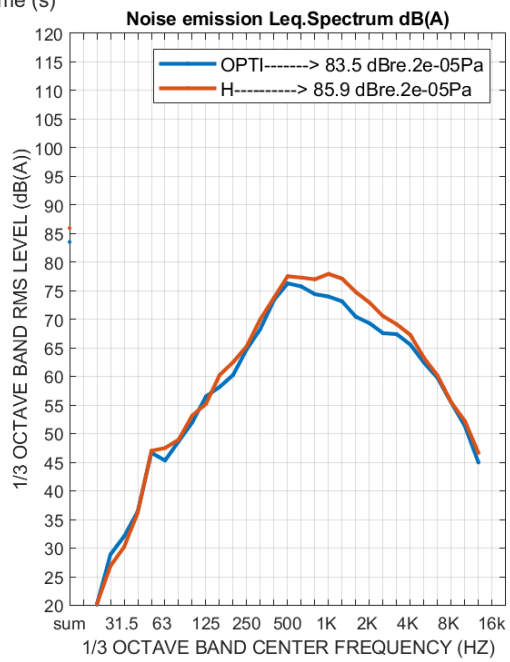
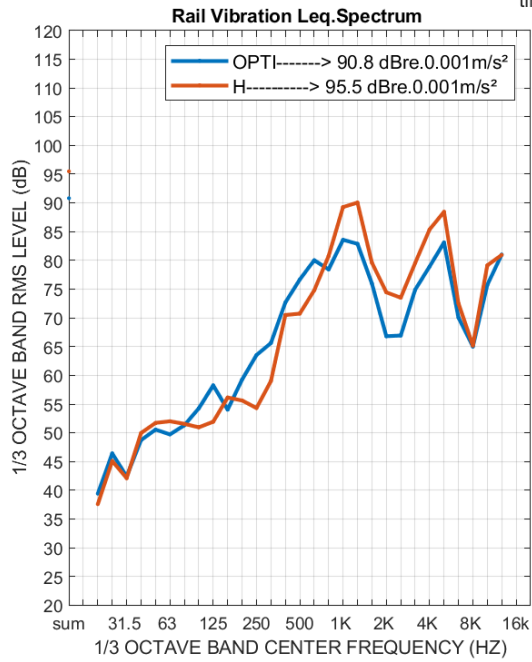
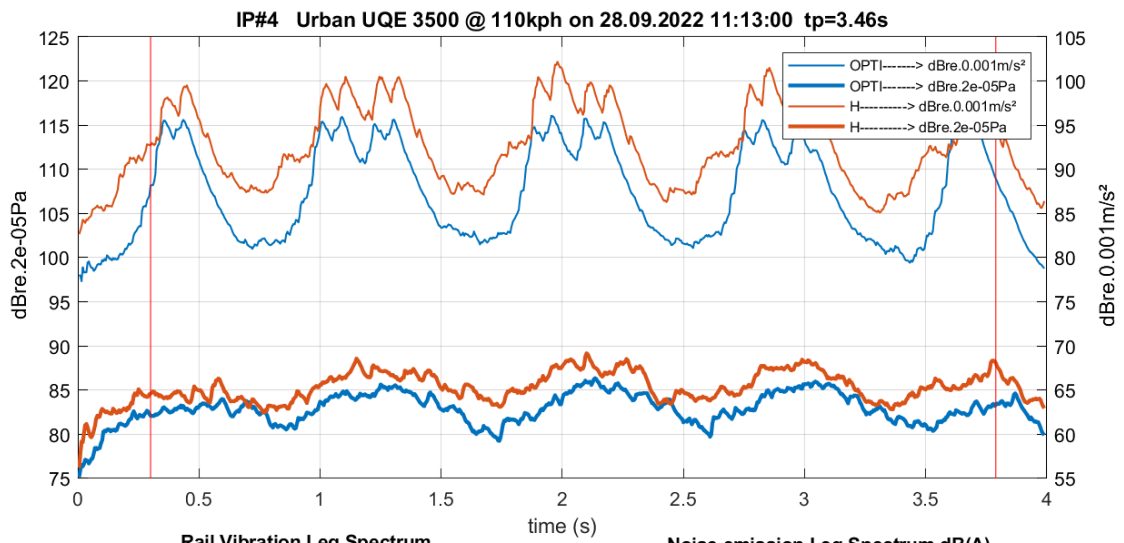
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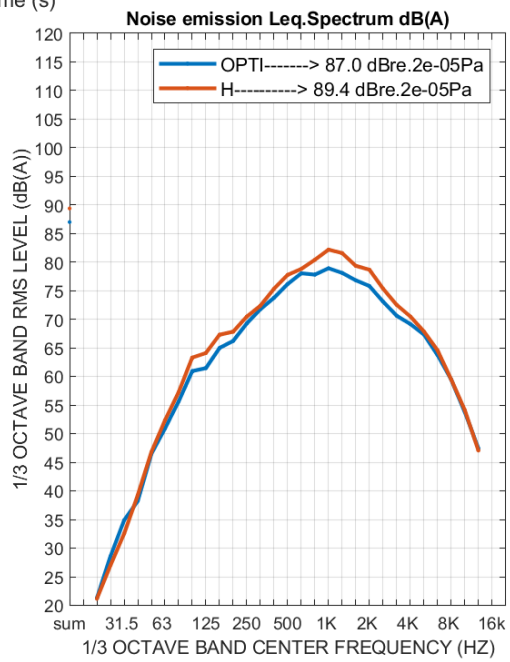
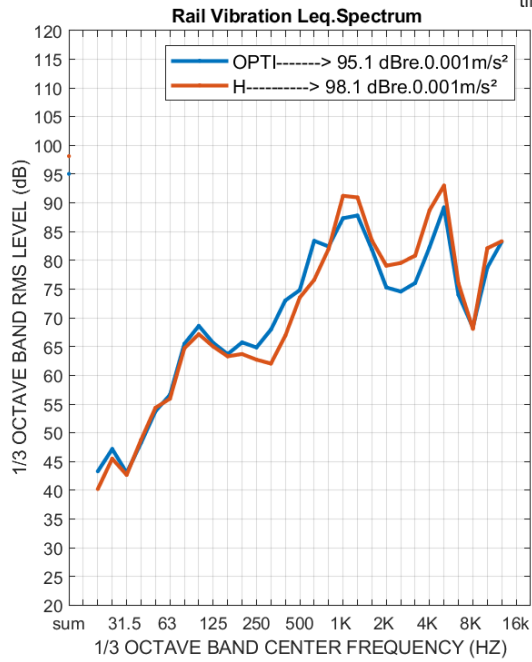
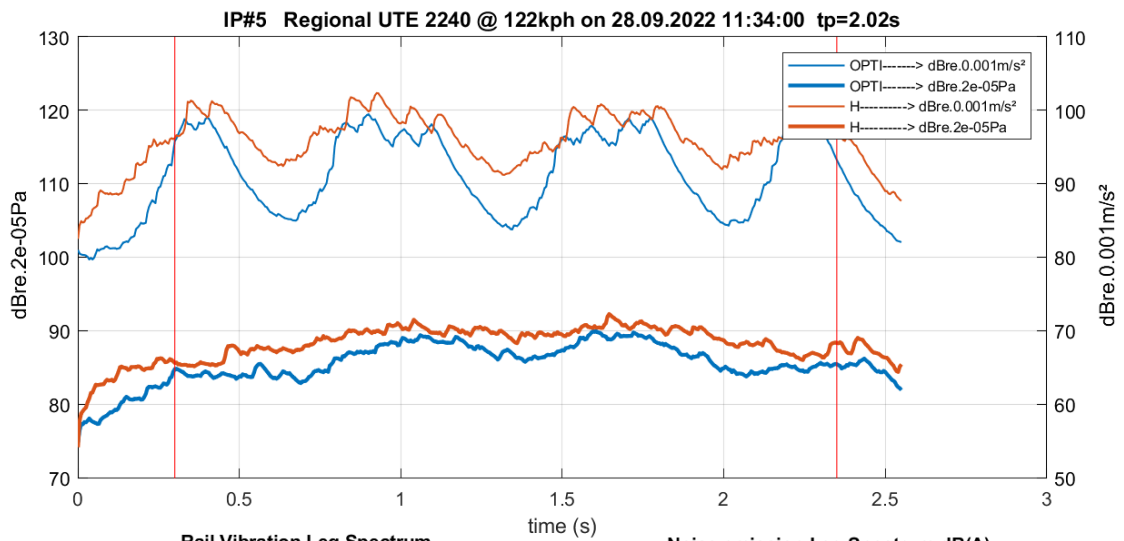


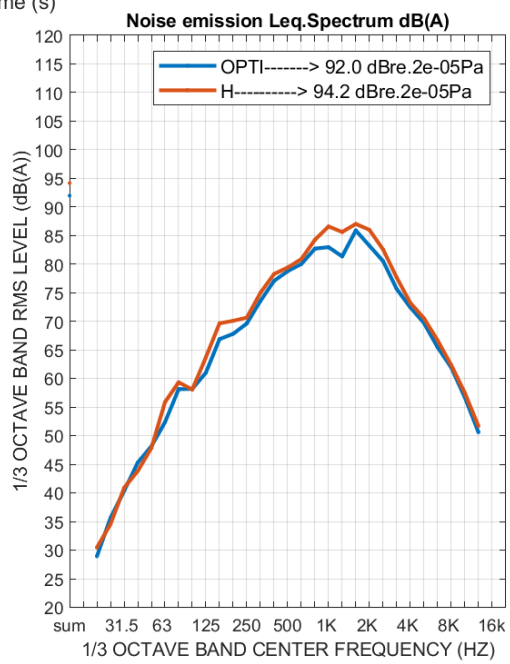
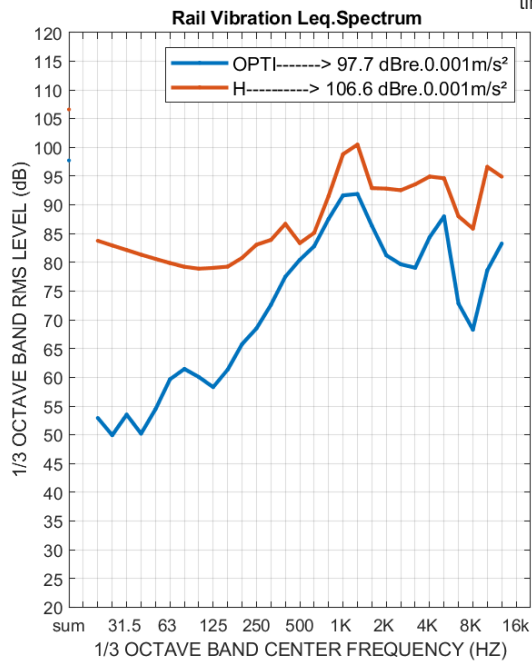
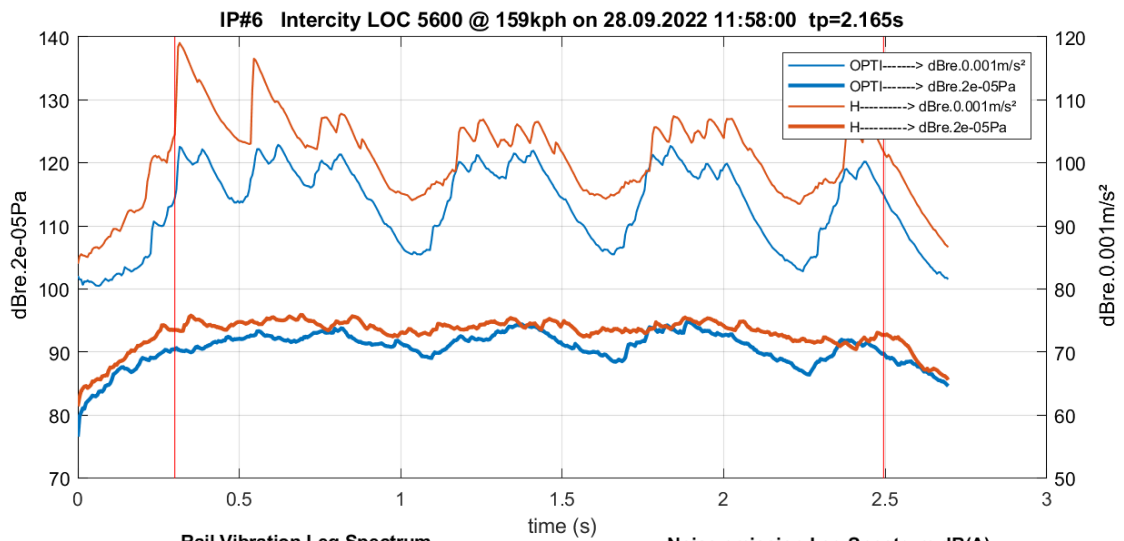


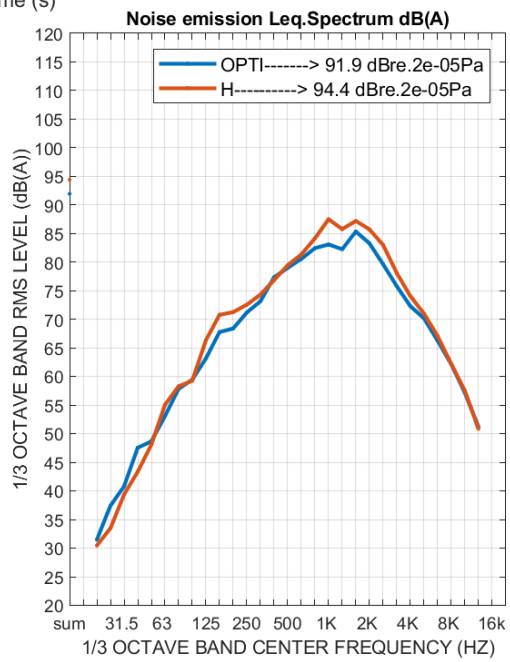
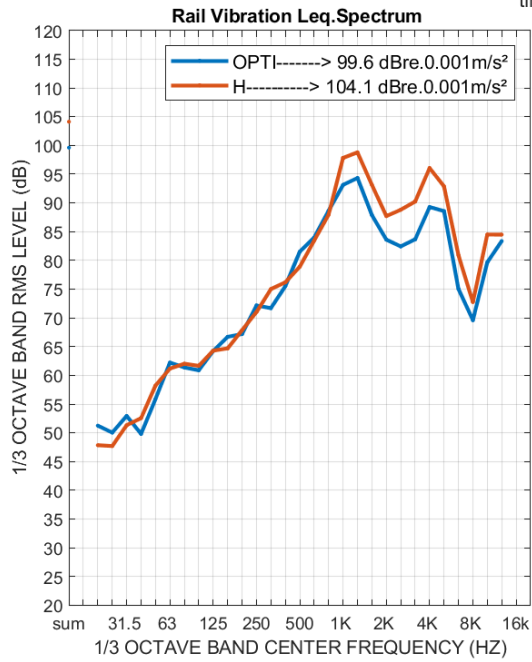
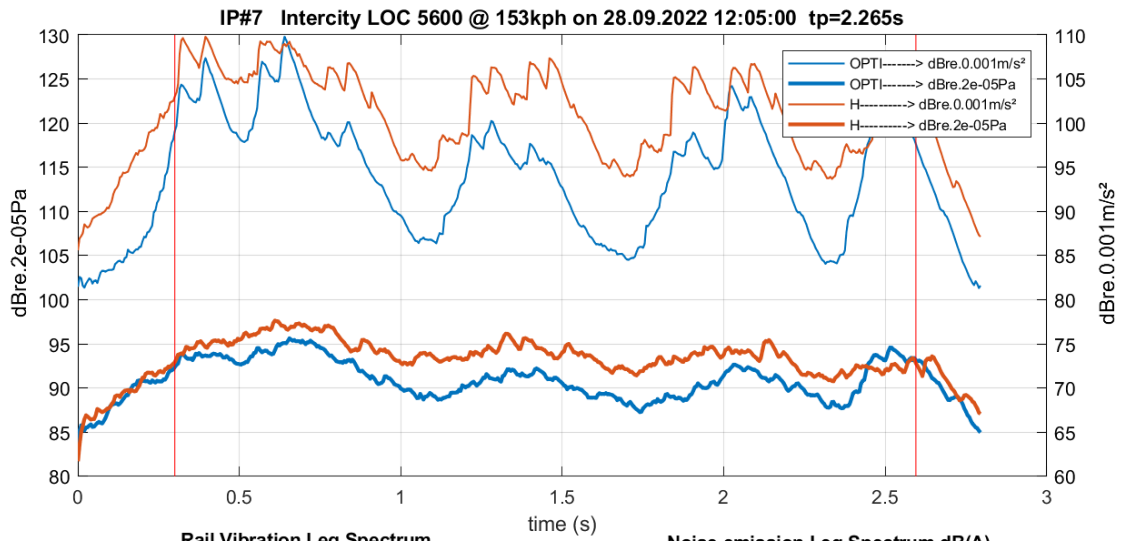


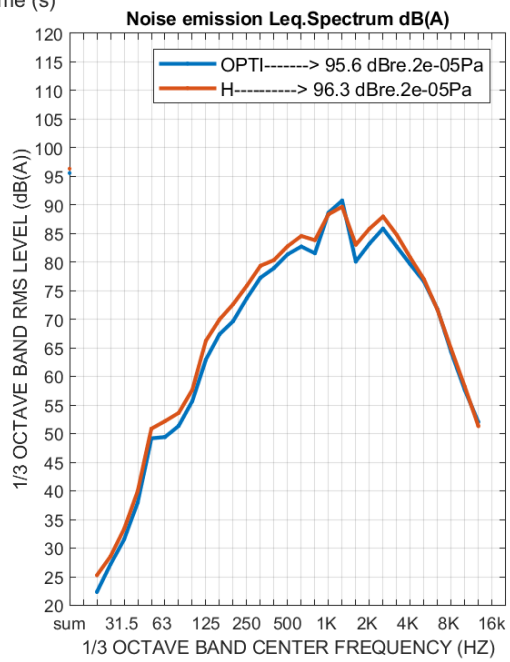
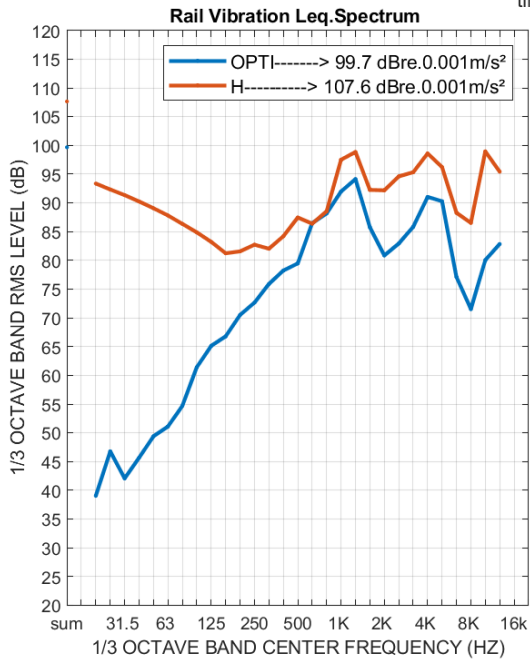
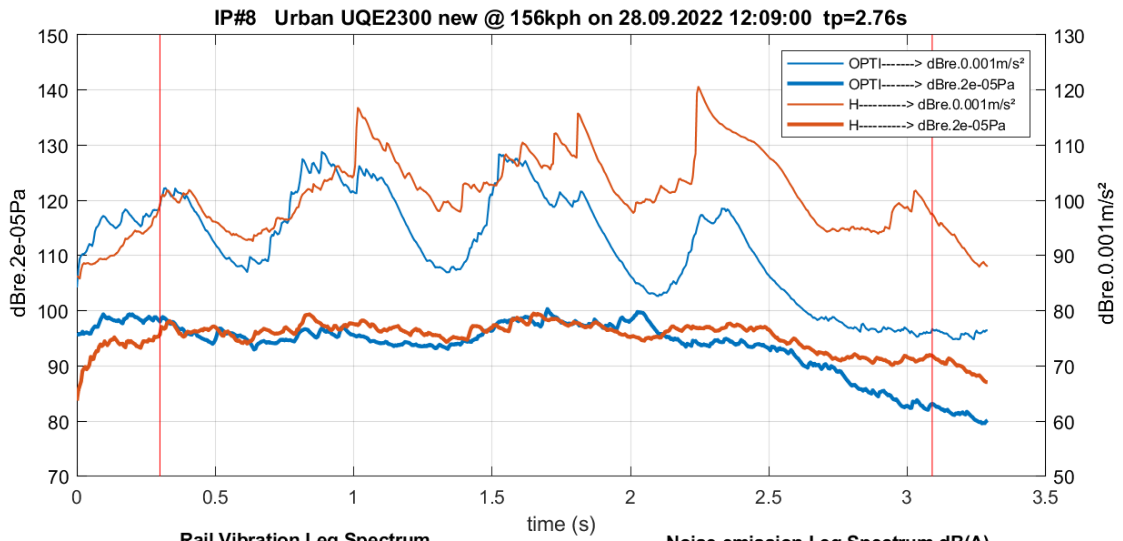


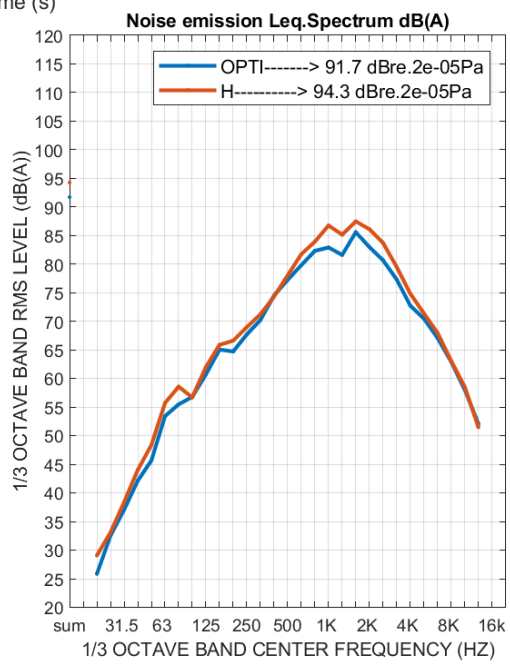
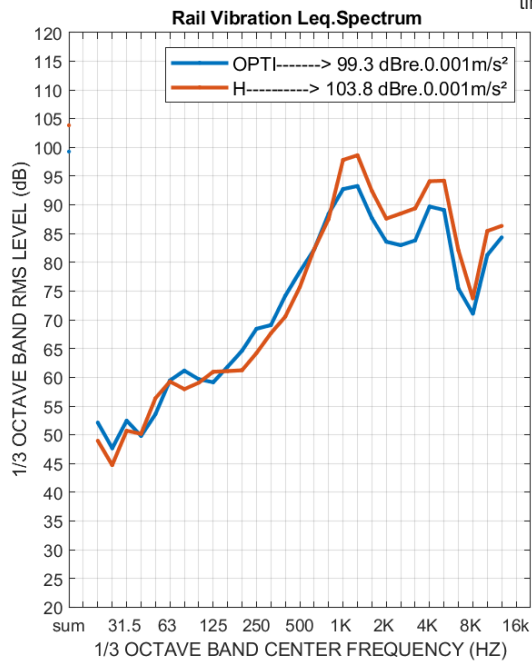
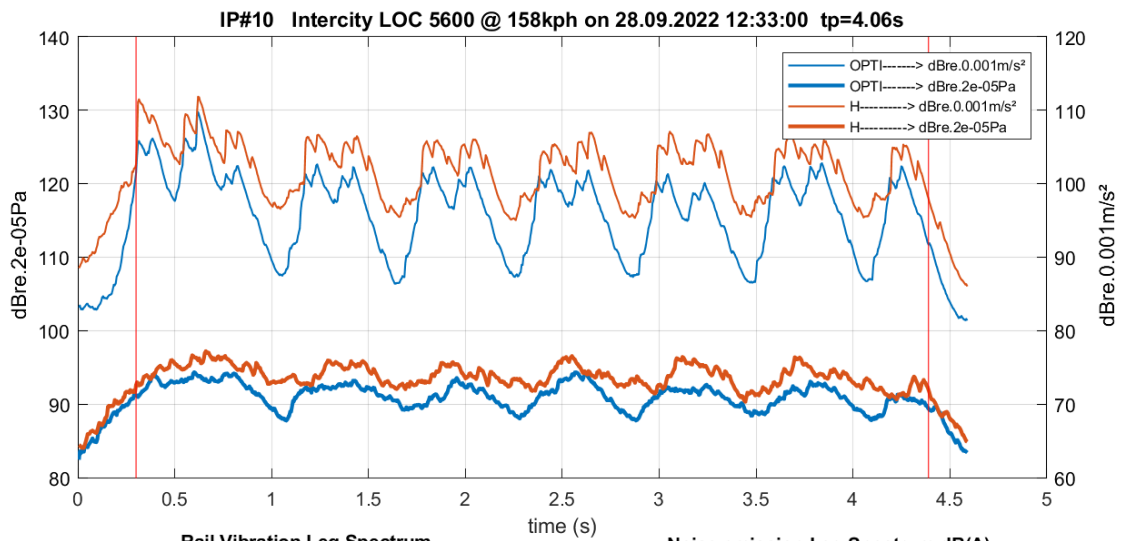




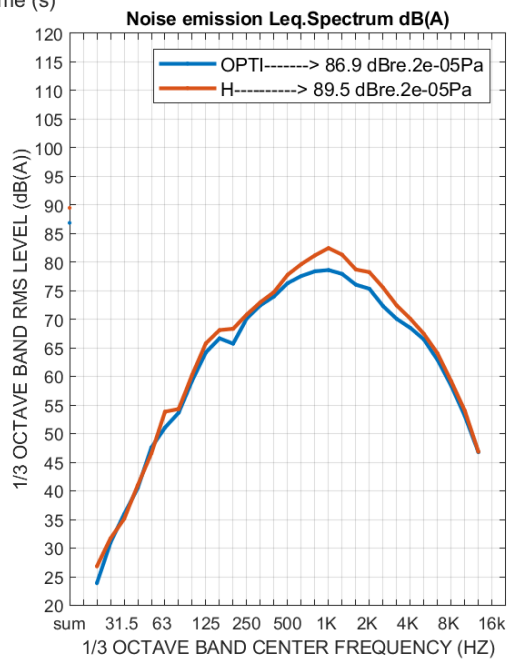
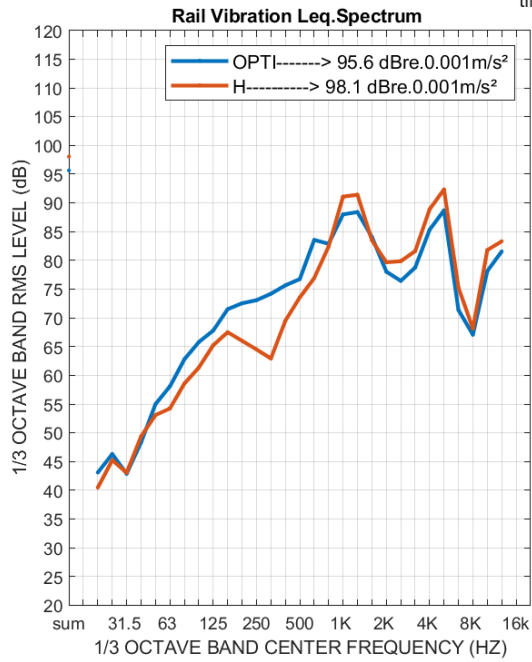
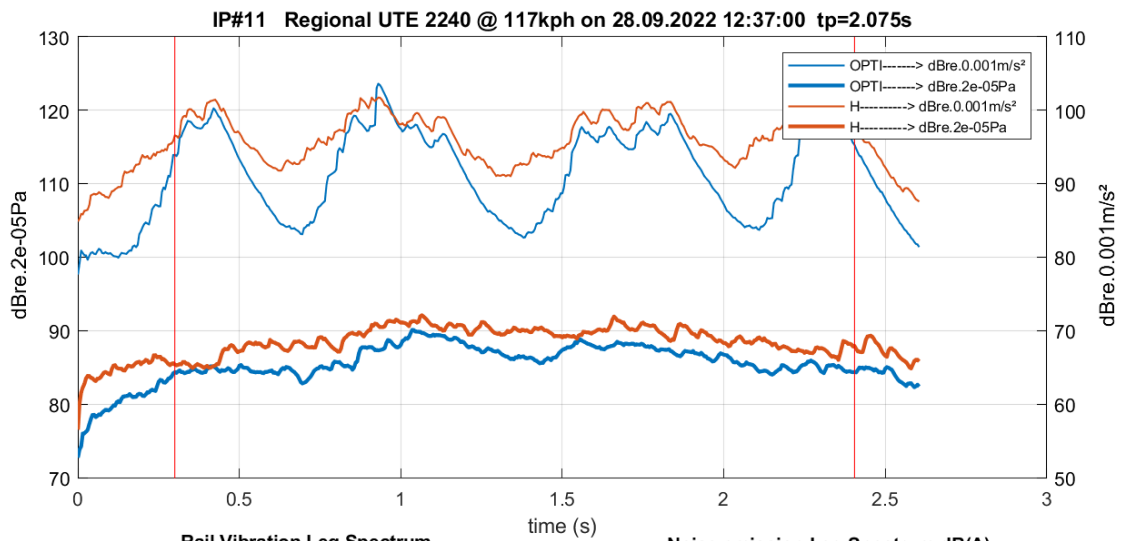


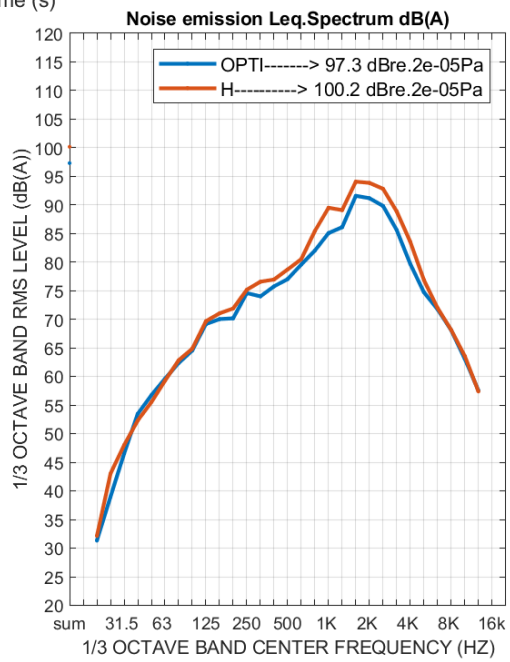
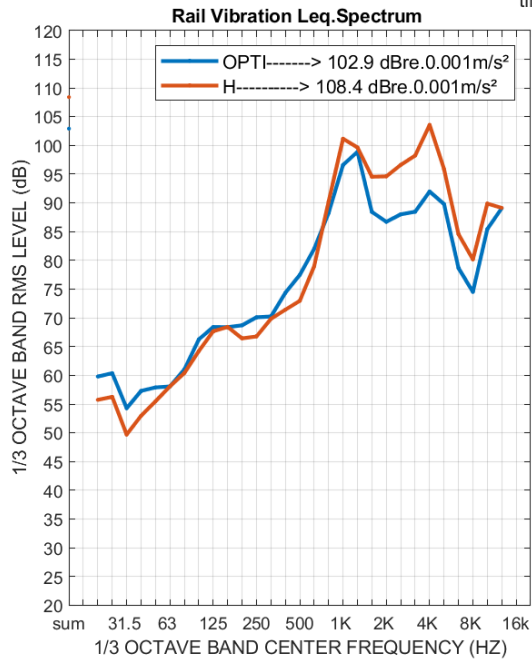
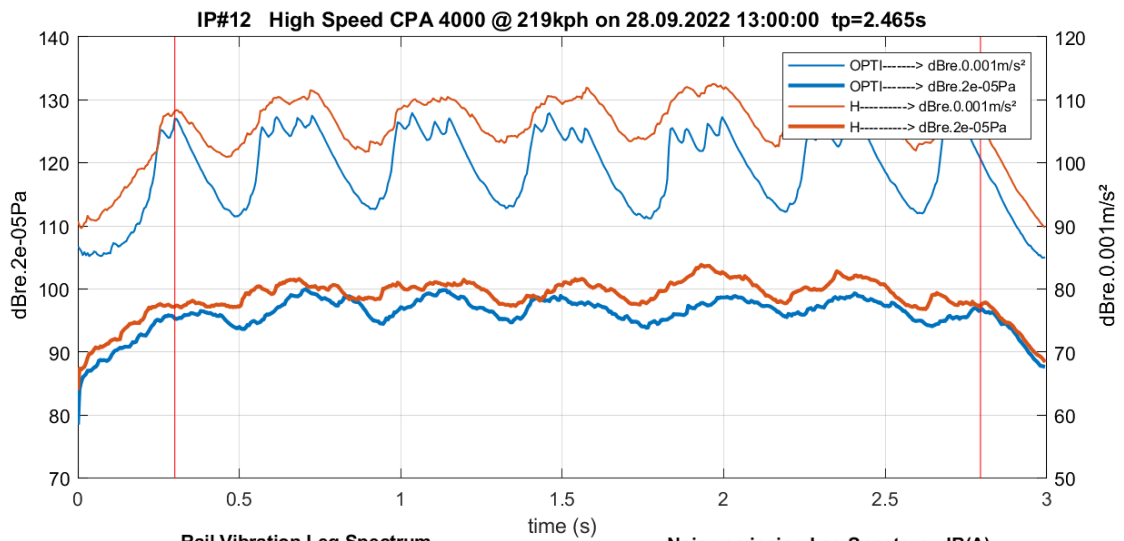


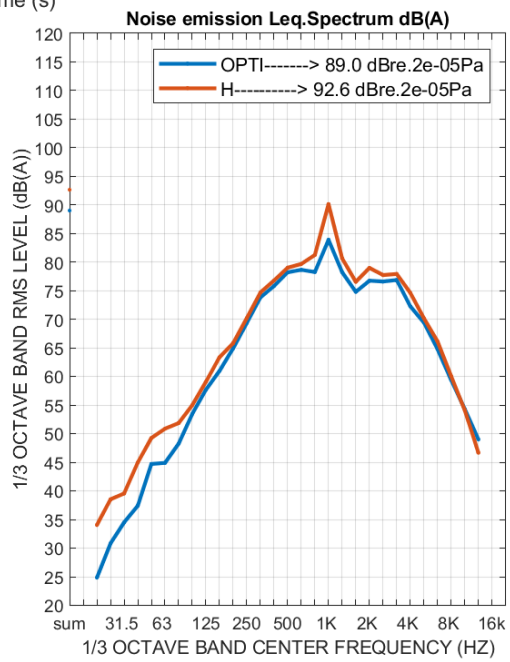
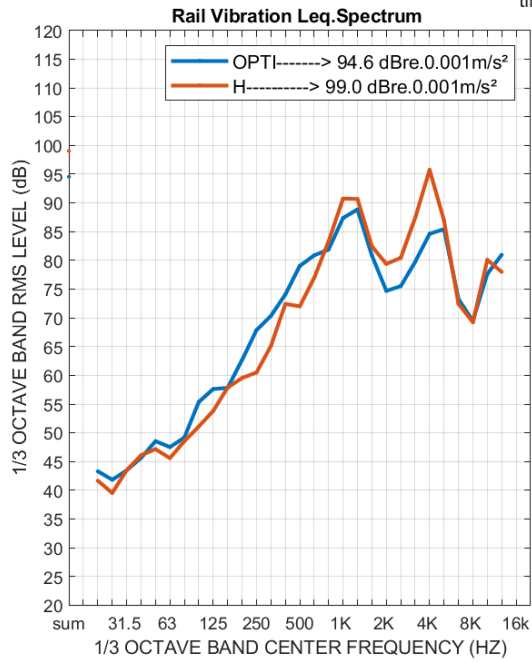
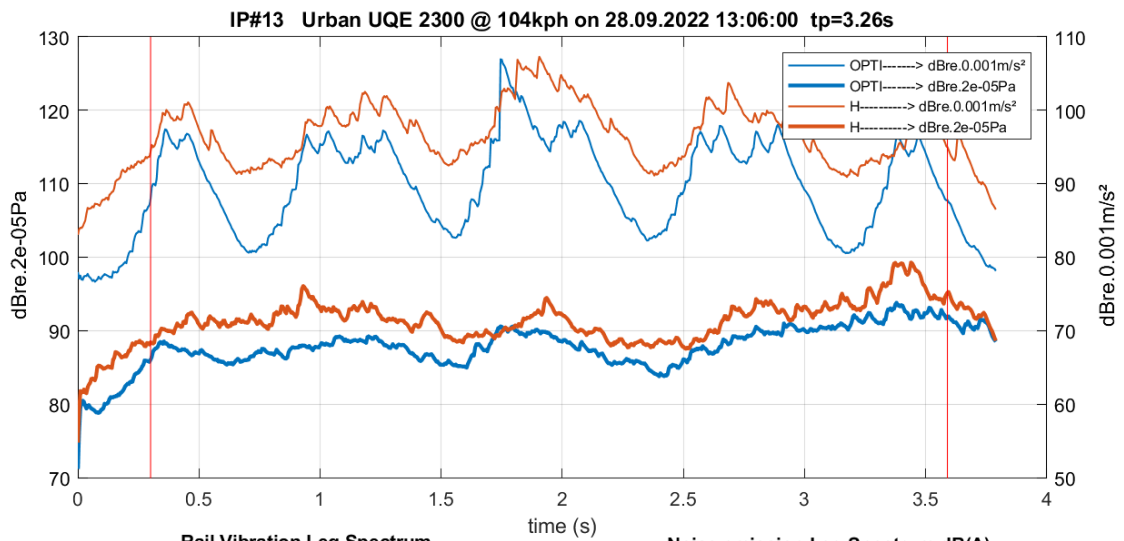


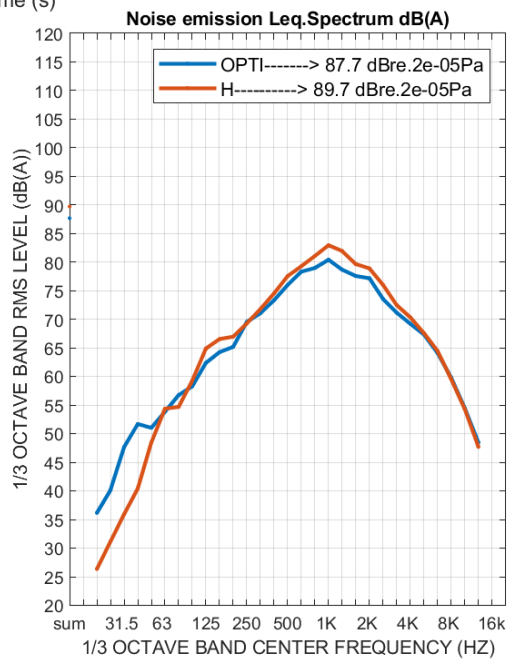
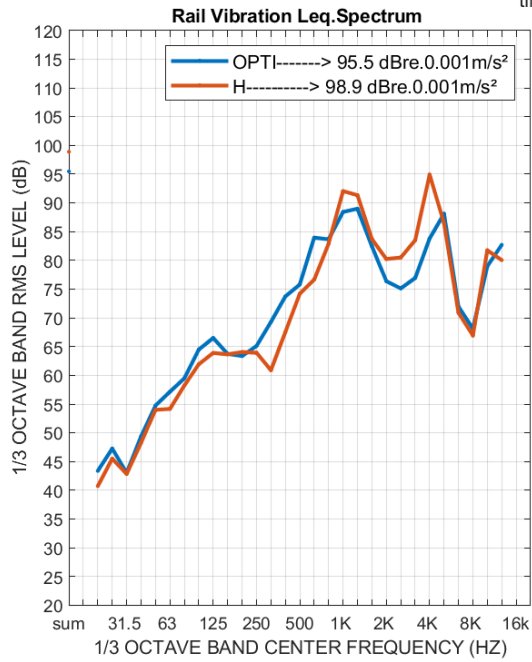
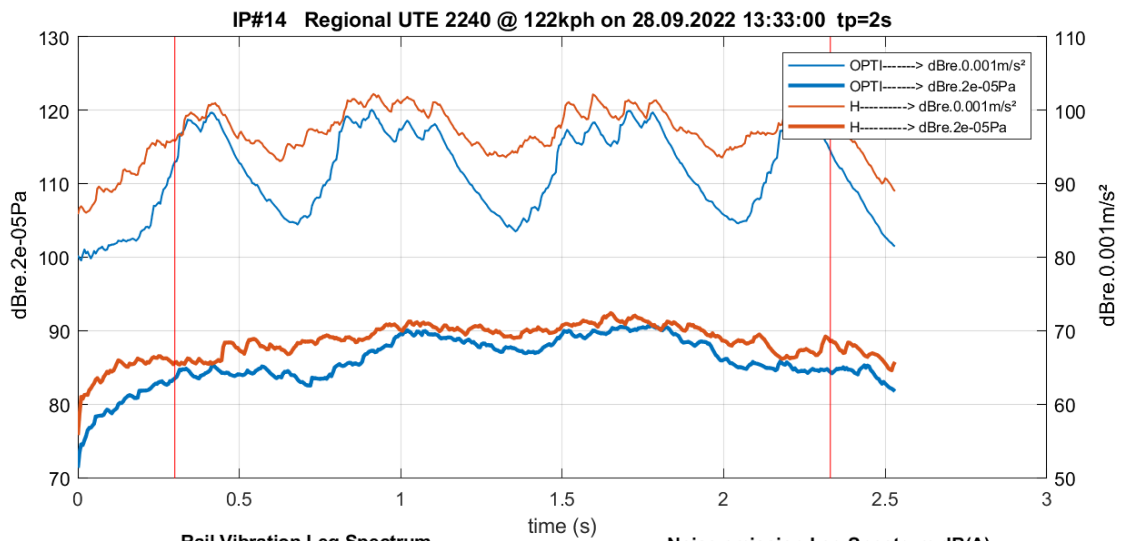


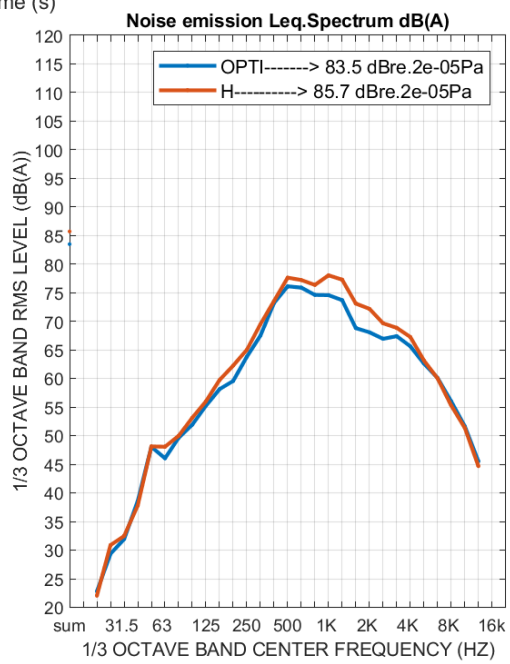
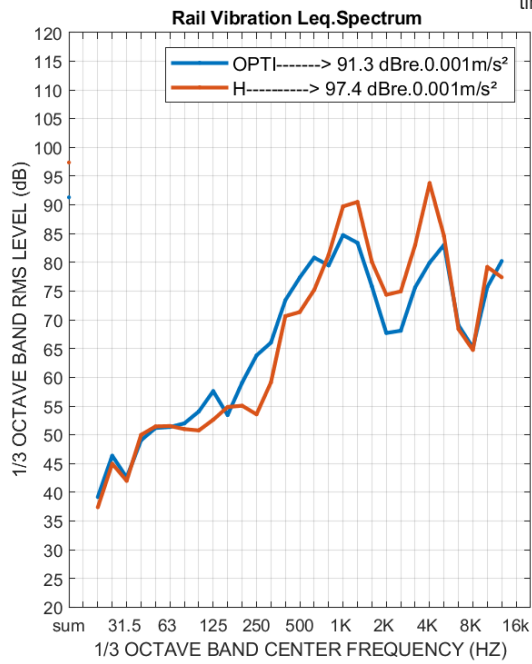
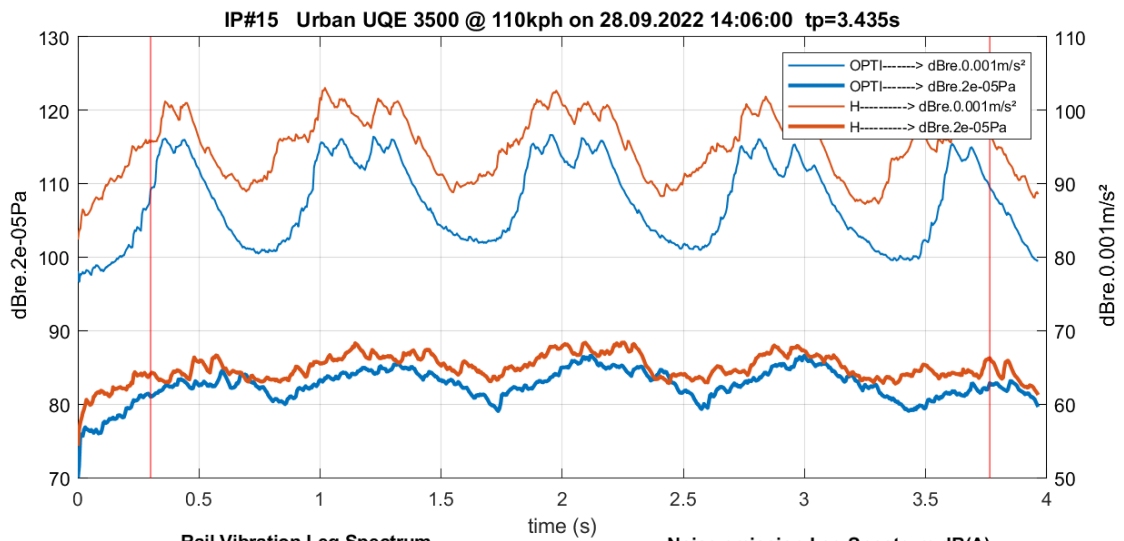




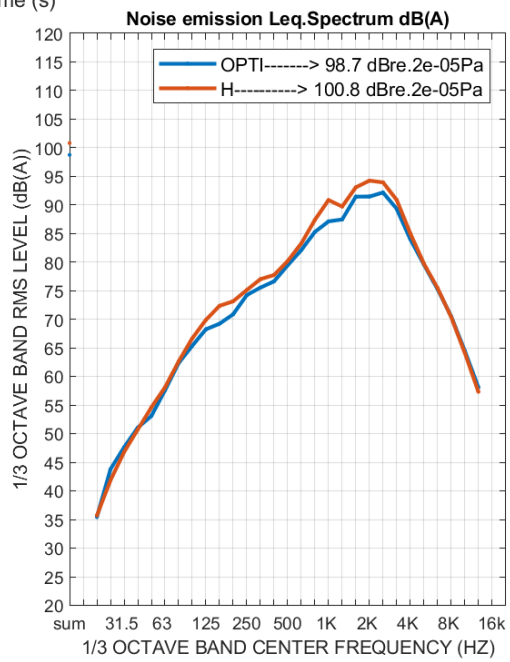
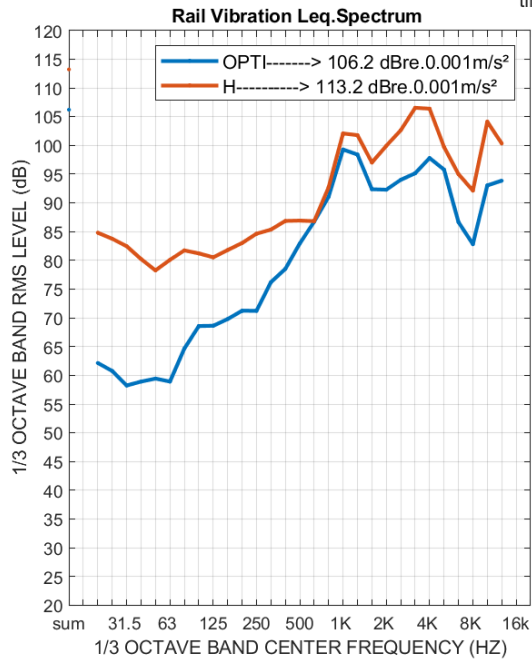
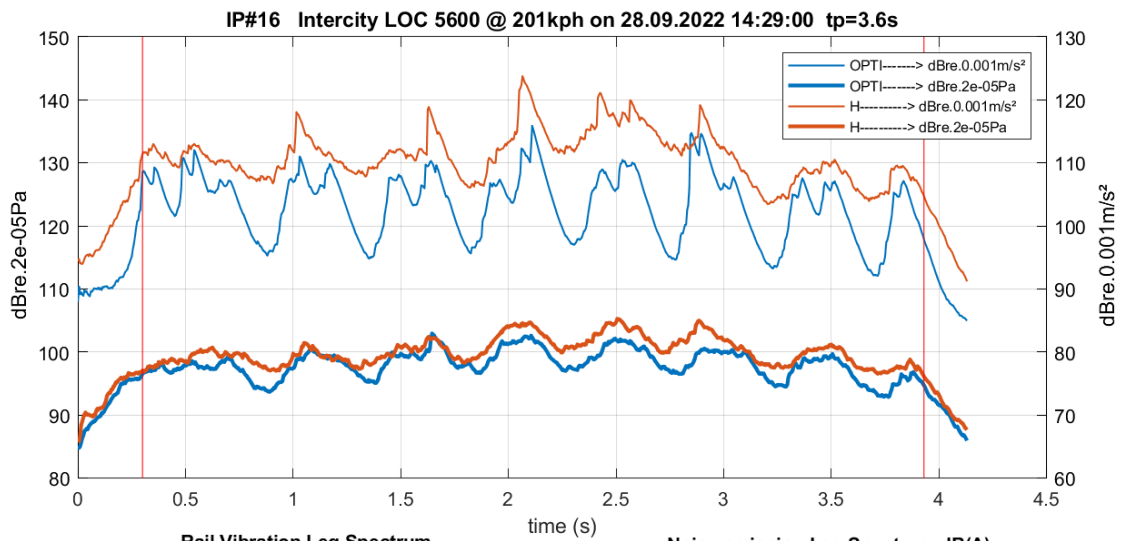


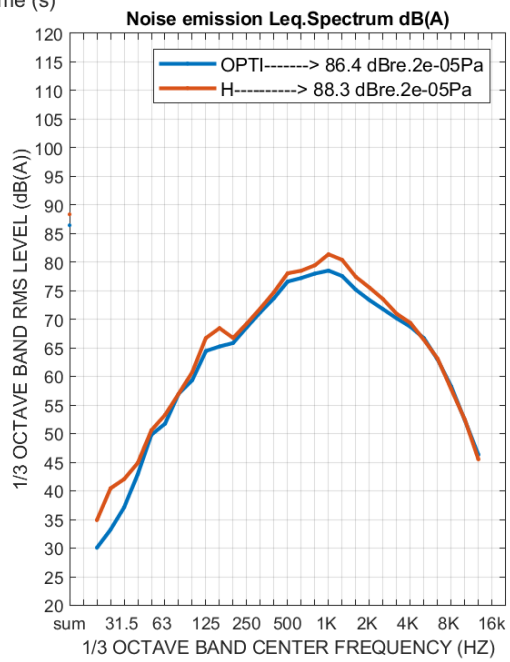
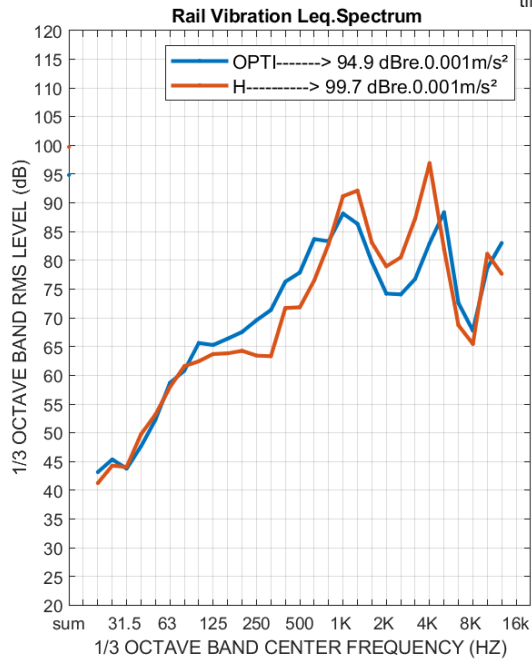
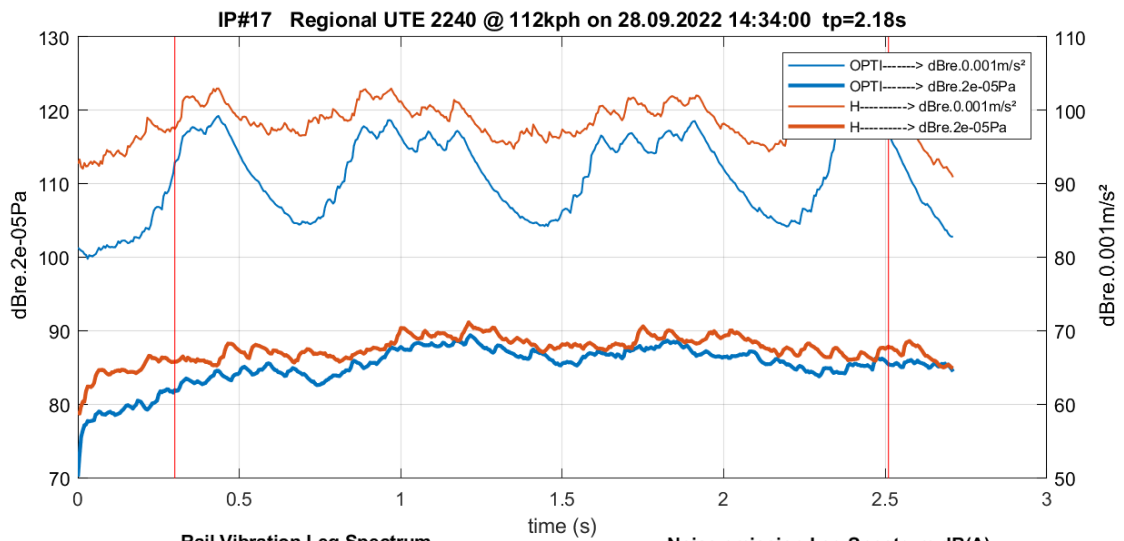


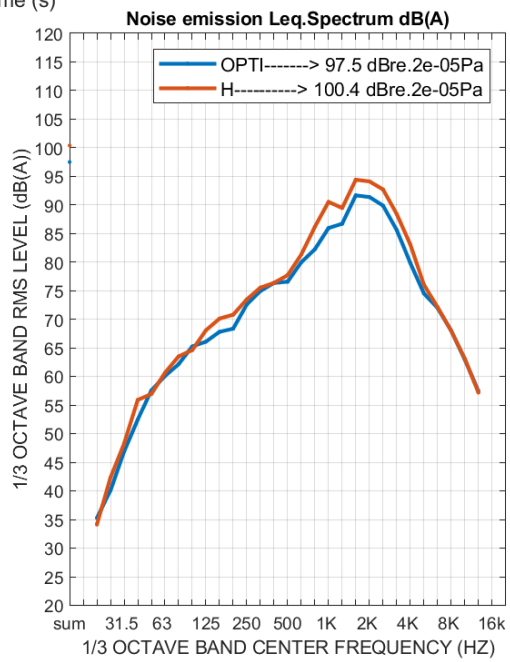
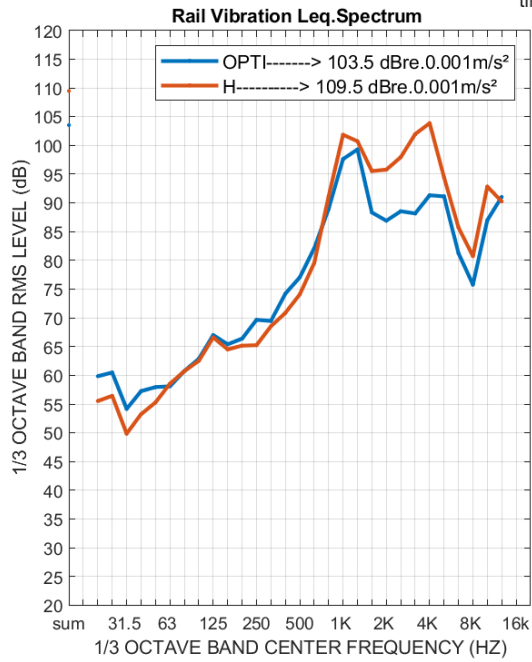
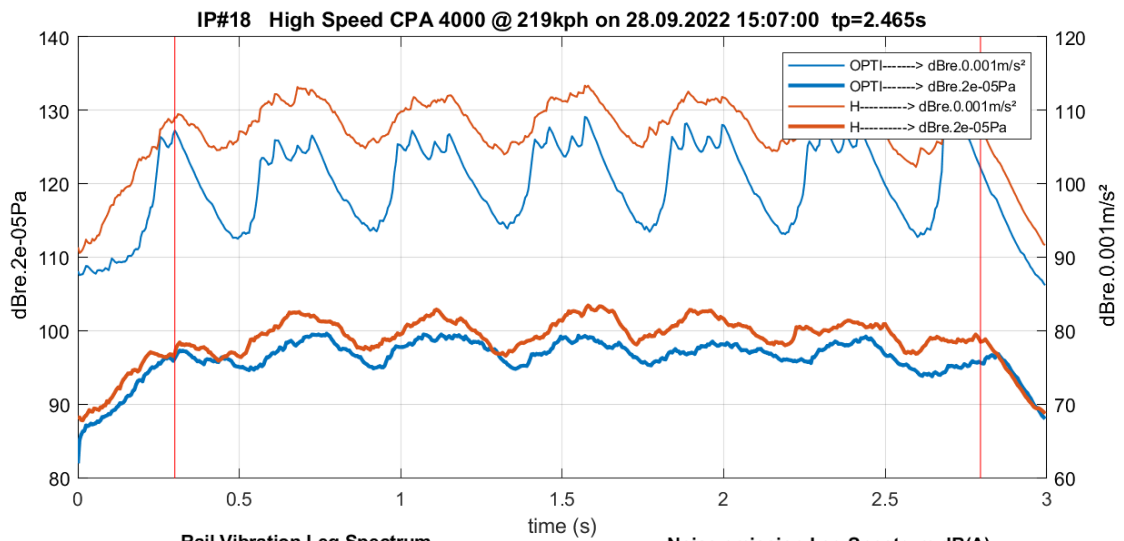


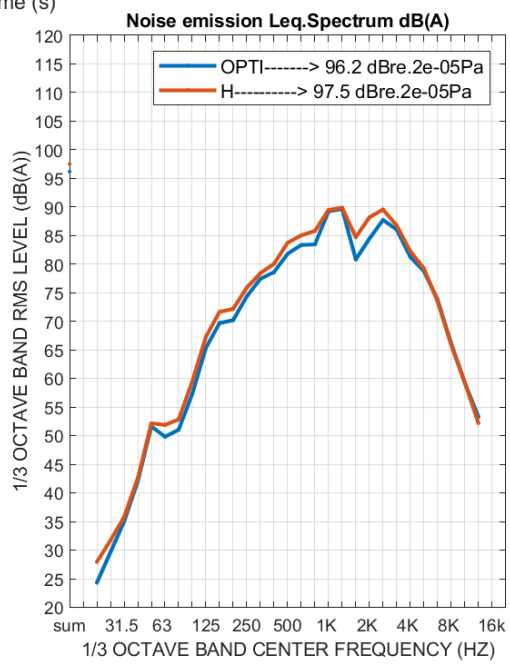
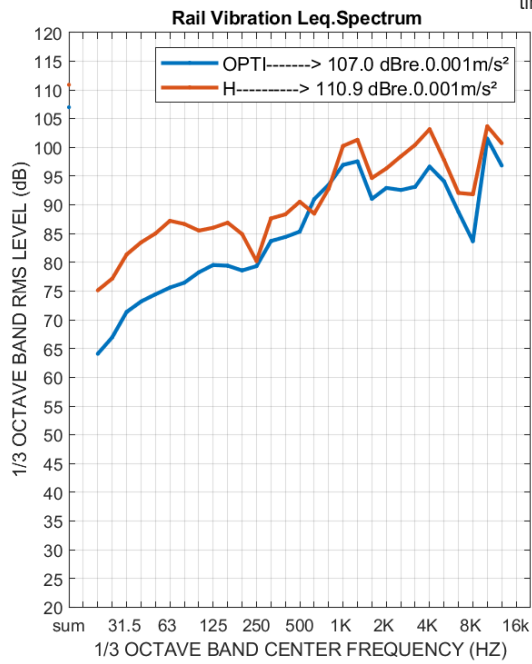
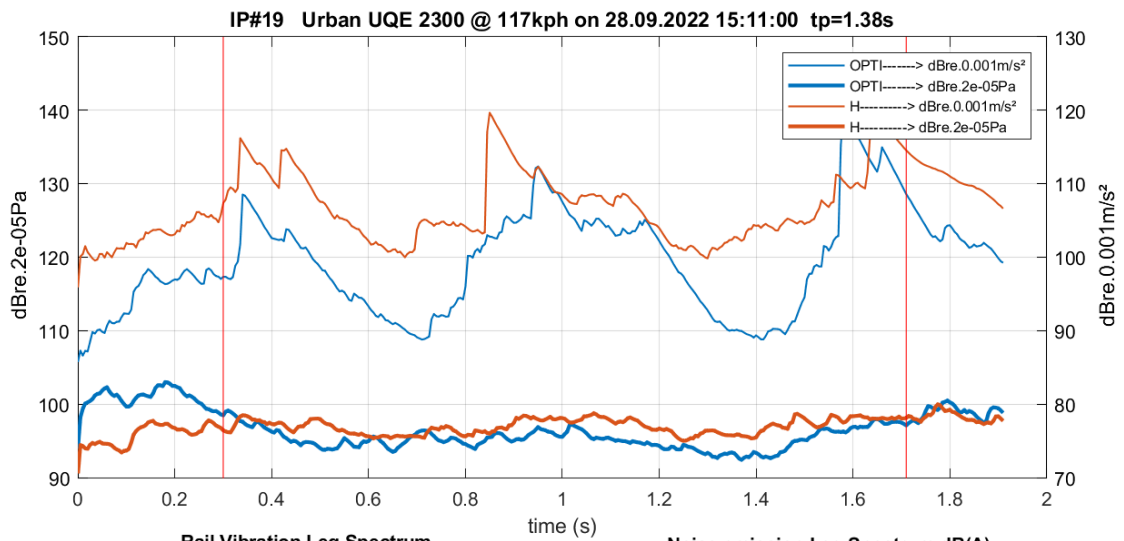


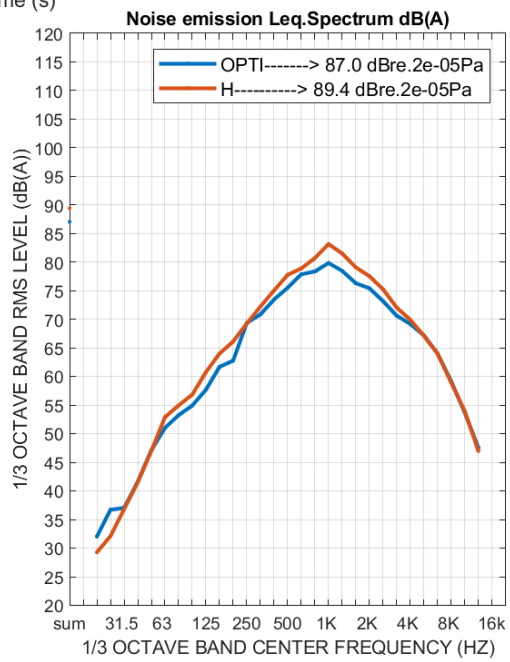
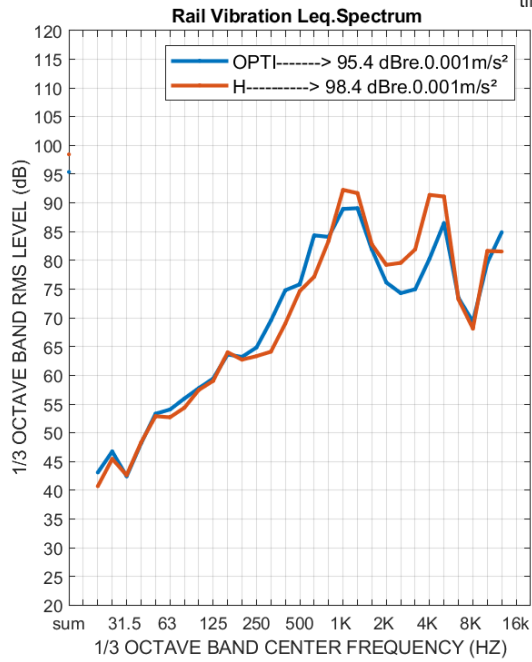
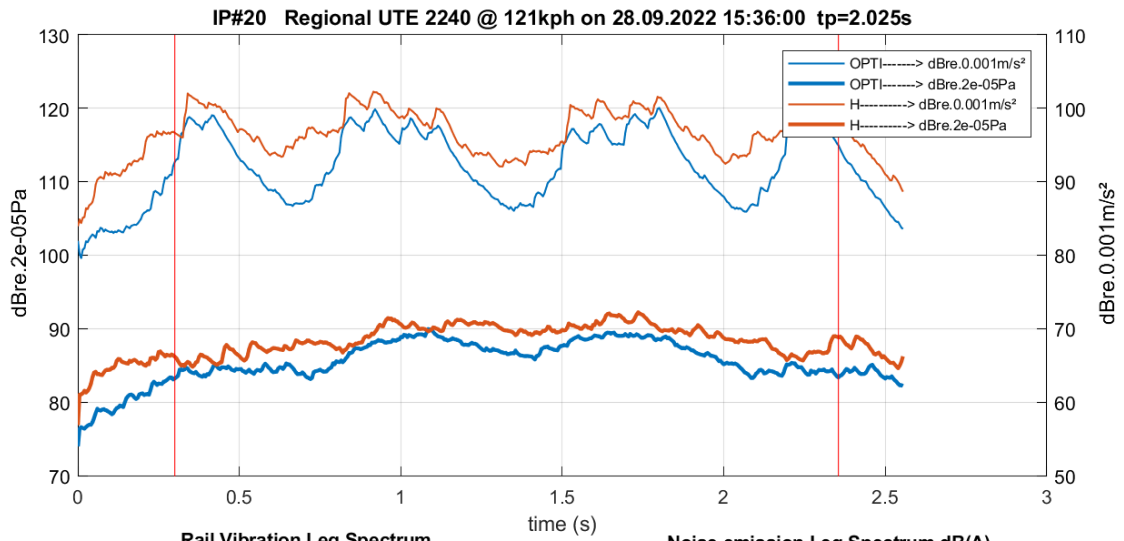




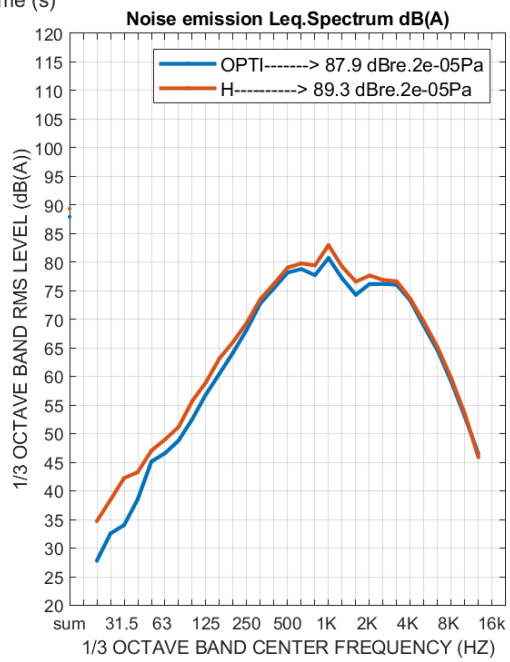
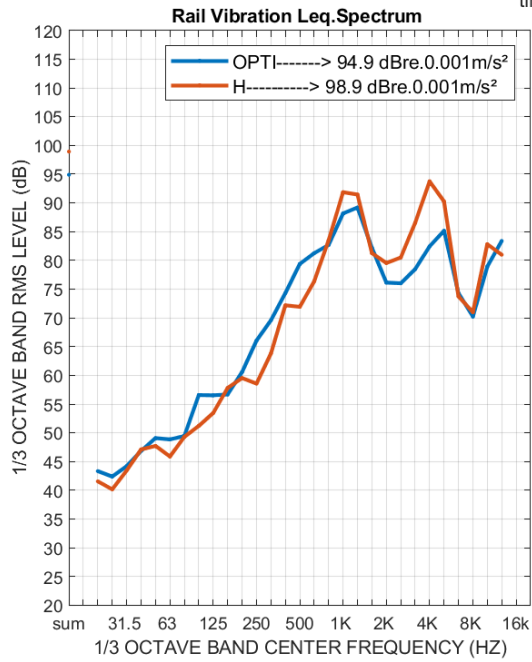
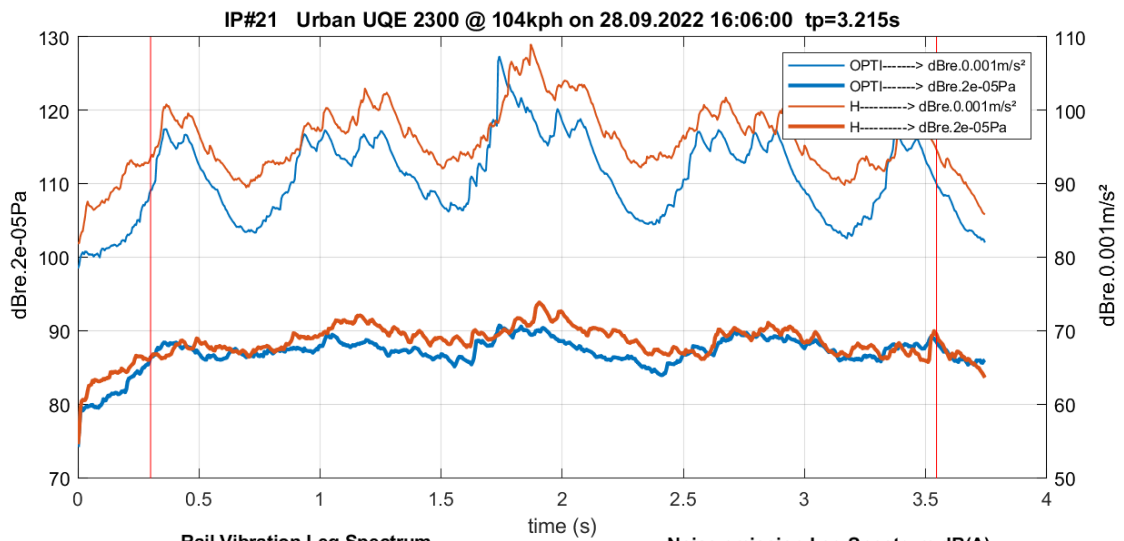


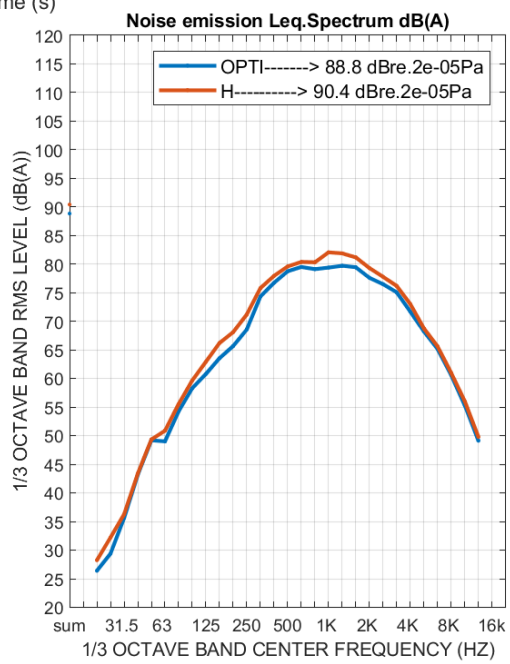
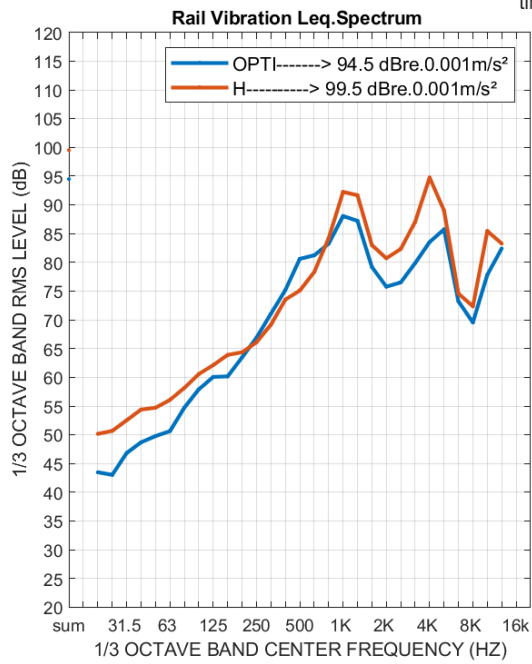
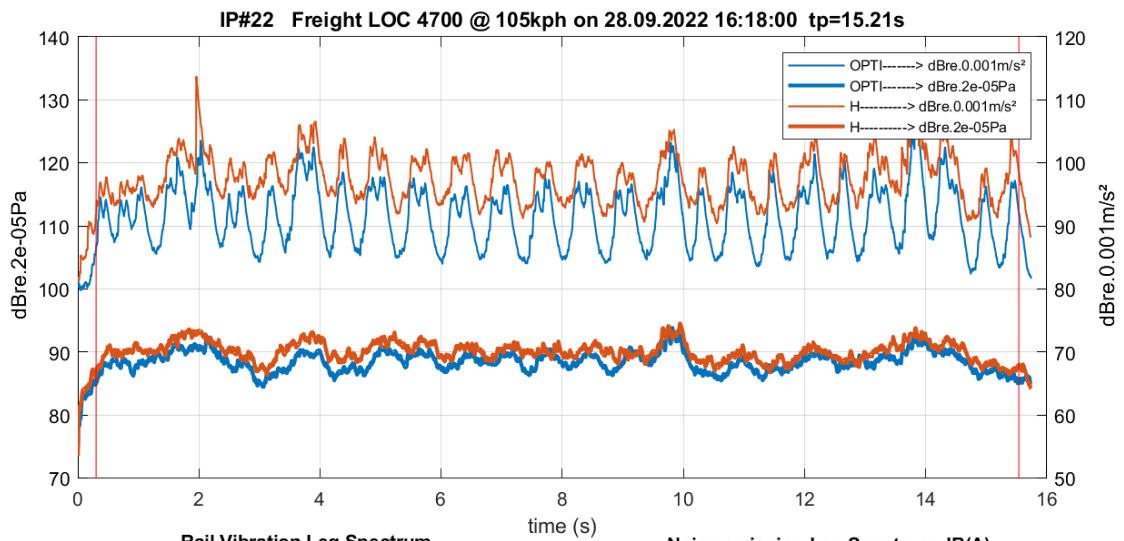


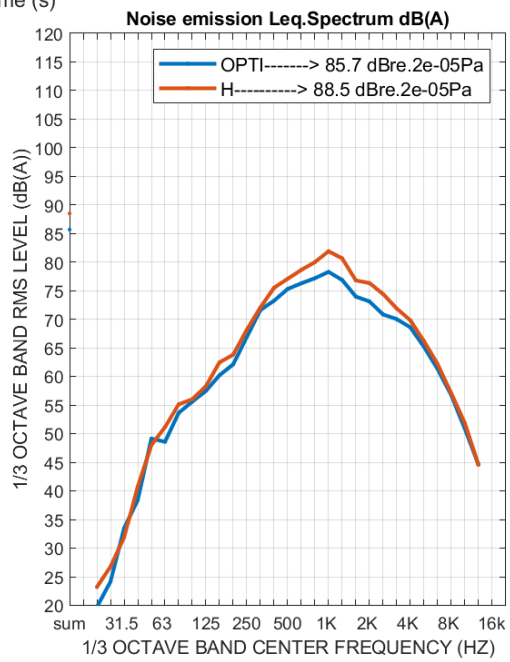
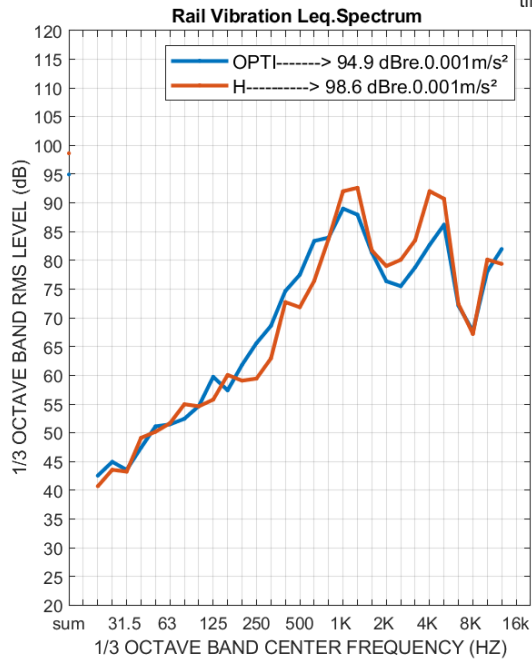
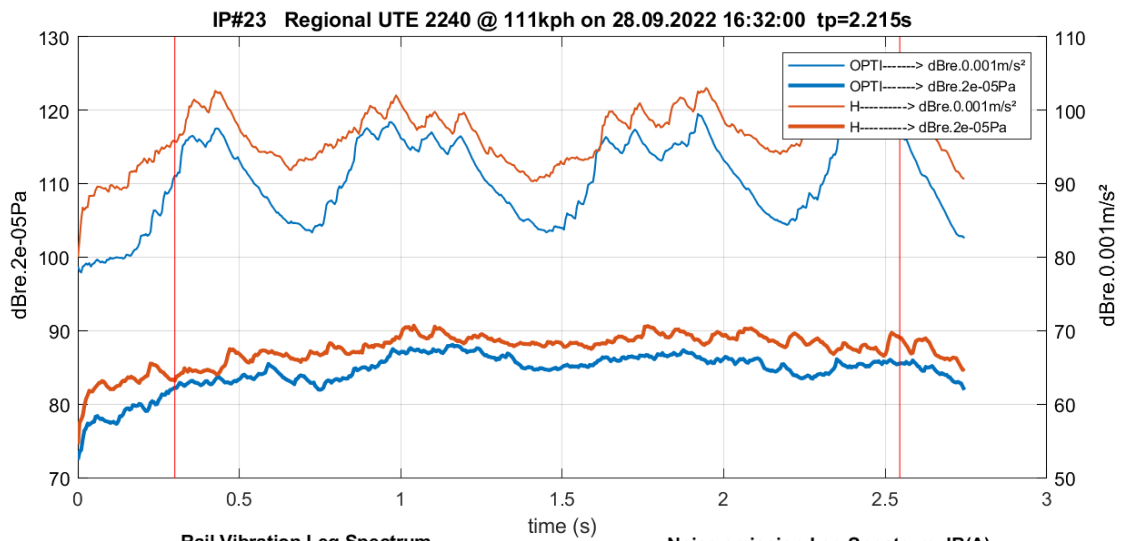


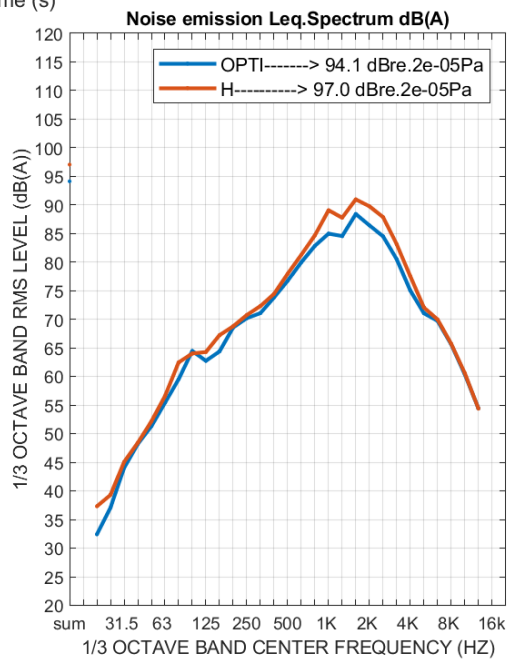
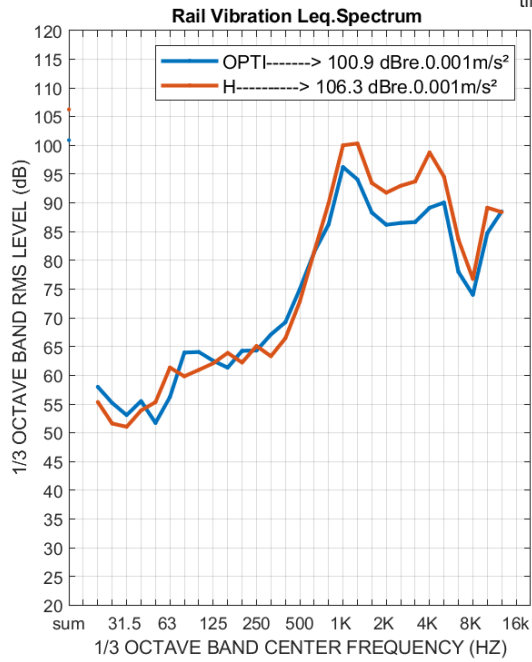
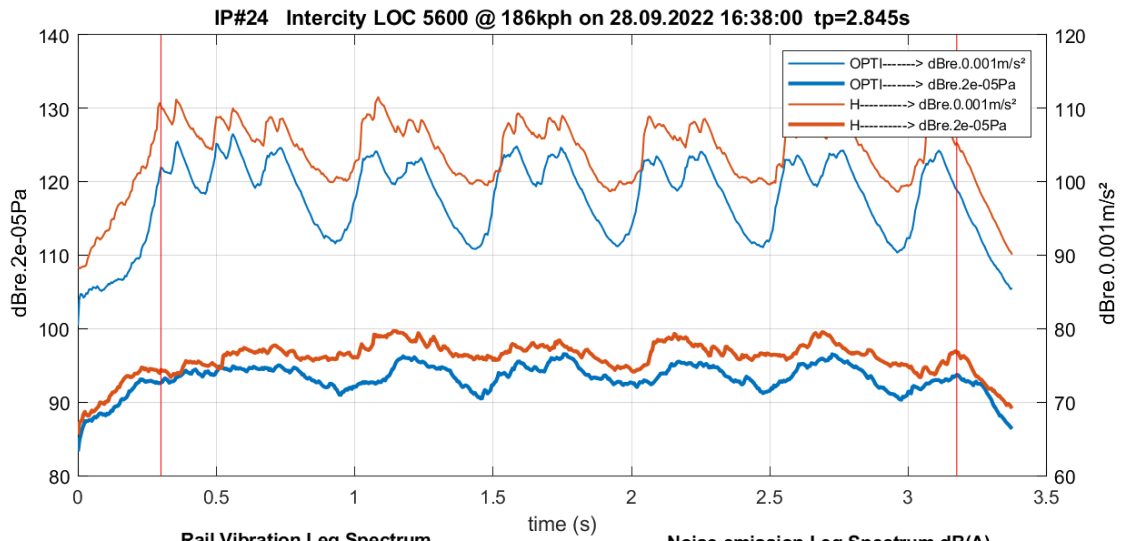


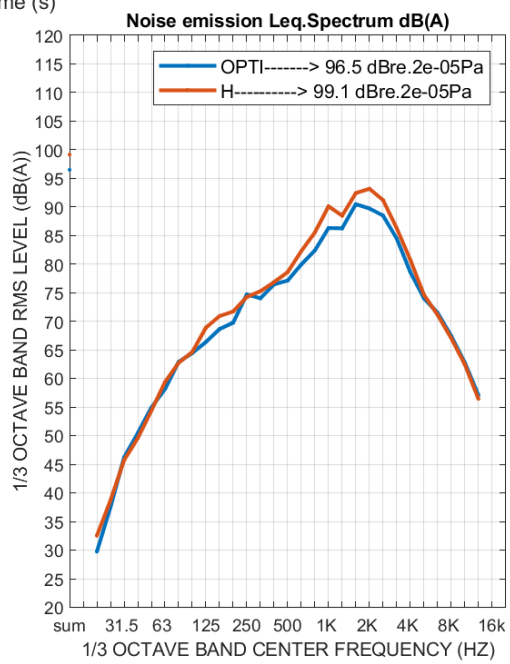
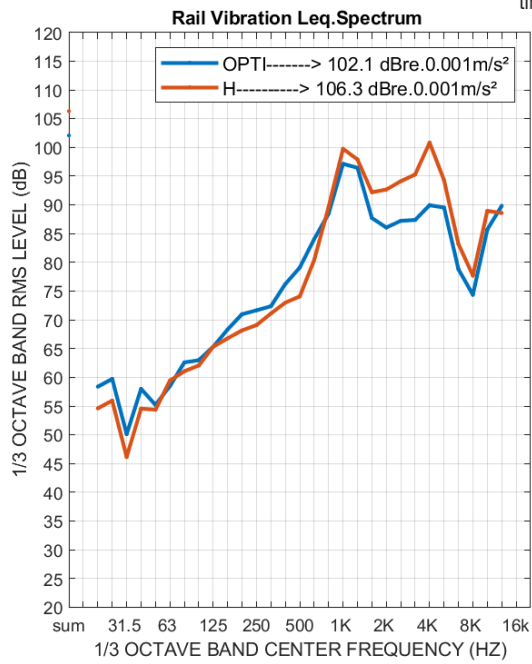
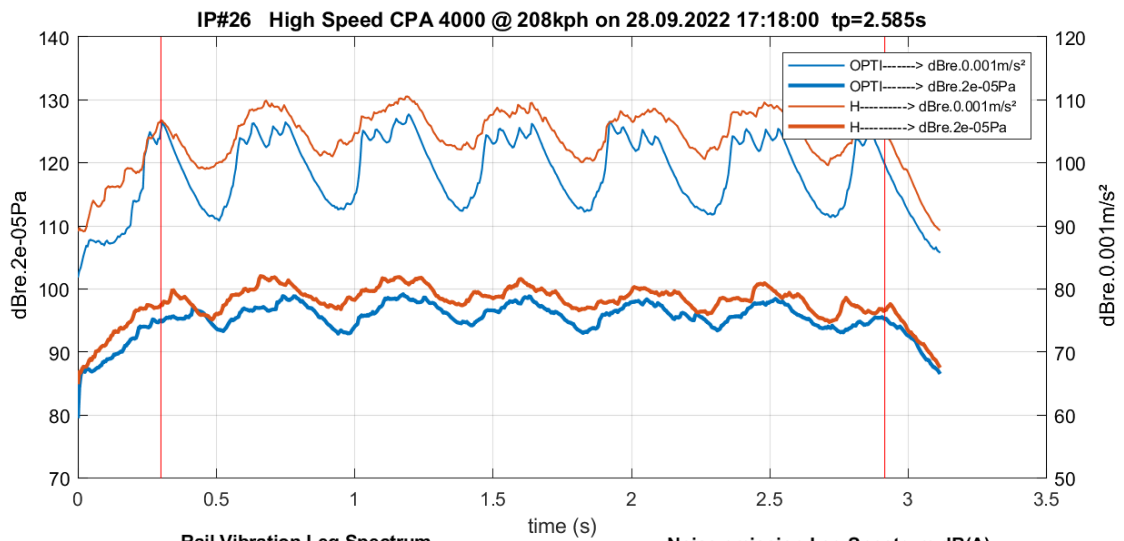


















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