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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1. **SZCZ, CZECHIA - DETAILED PASS-BY PLOTS**
SZCZ#6 freight @ 80.8/80.7kph on 07.09.2022 12:05:00 tp=3.555s

Rail Vibration Leq.Spectrum

Noise emission Leq.Spectrum dB(A)
SZCZ, CZECHIA - DETAILED PASS-BY PLOTS

**Figure 1:** Intercity passenger EMU @ 126/123kph on 07.09.2022 13:16:00 tp=4.275s

**Figure 2:** Rail Vibration Leq.Spectrum

**Figure 3:** Noise emission Leq.Spectrum dB(A)

**Table:**
- OPT1: 94.2 dBre.0.001m/s²
- OPT2: 94.3 dBre.0.001m/s²
- OPT1: 89.3 dBre.0.001m/s²
- OPT1: 85.0 dBre.2e-05Pa
- OPT2: 84.9 dBre.2e-05Pa
- OPT2: 82.8 dBre.2e-05Pa
SZCZ#21 regional passenger loco+coaches @ 107/78.6kph on 07.09.2022 15:48:00 tp=4.785s

Rail Vibration Leq.Spectrum

Noise emission Leq.Spectrum dB(A)