**Task 7.2C Answer sheet**

Fill in the required results (images).

**Notes**:

* Examples (if any) need to be replaced by your results.
* Missing any required results will result in a re-submission.

**1. High-pass and band-bass filtering**

1. **Spectrogram of filtered\_s achieved using high-pass filter with cutoff\_freq = 200**

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1. **Spectrogram of filtered\_s achieved using band-pass filter with cutoff\_freq = [200,1000]**

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**2. Noise attenuation using spectral subtraction method**

**a. Test case 1: noisy signal sp02\_station\_sn5.wav, noise Station\_1.wav**

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| **Spectrogram of sp02\_station\_sn5.wav** |
| Example |
| **Spectrogram of the noise attenuation result of sp02\_station\_sn5.wav** |
| Example |

**b. Test case 2: noisy signal sp03\_station\_sn5.wav, noise Station\_1.wav**

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| **Spectrogram of sp03\_station\_sn5.wav** |
| Example |
| **Spectrogram of the noise attenuation result of sp03\_station\_sn5.wav** |
| Example |

**c. Test case 3: noisy signal sp02\_babble\_sn5.wav, noise Babble\_1.wav**

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| **Spectrogram of sp02\_babble\_sn5.wav** |
| Example |
| **Spectrogram of the noise attenuation result of sp02\_babble\_sn5.wav** |
| Example |

**d. Test case 4: noisy signal sp03\_ babble \_sn5.wav, noise Babble \_1.wav**

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| **Spectrogram of sp03\_babble\_sn5.wav** |
| Example |
| **Spectrogram of the noise attenuation result of sp03\_babble\_sn5.wav** |
| Example |