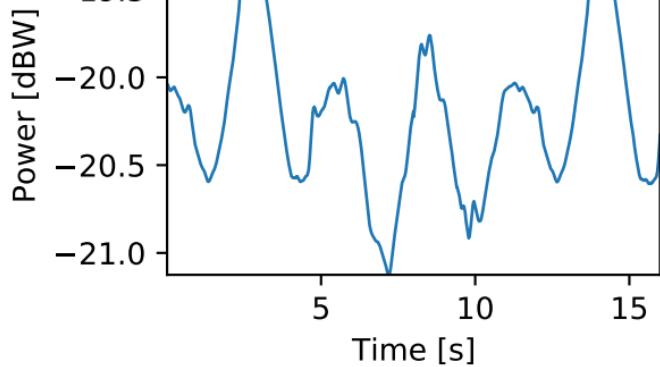
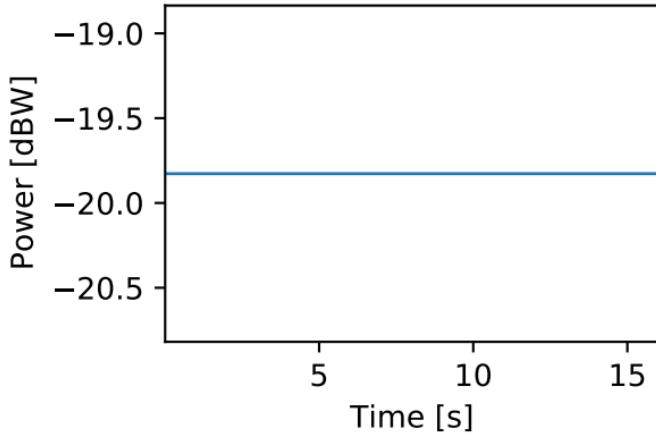


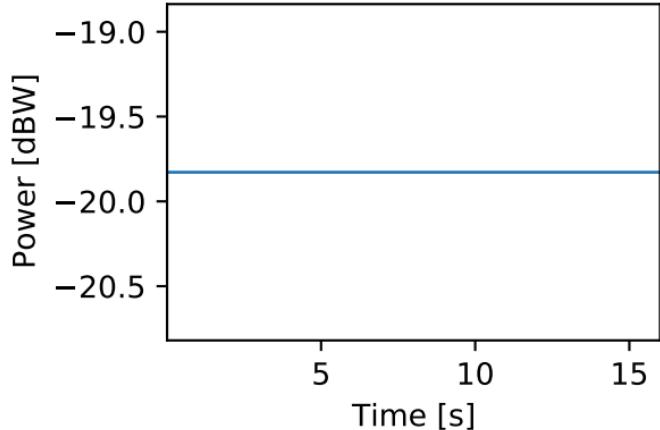
UE 0



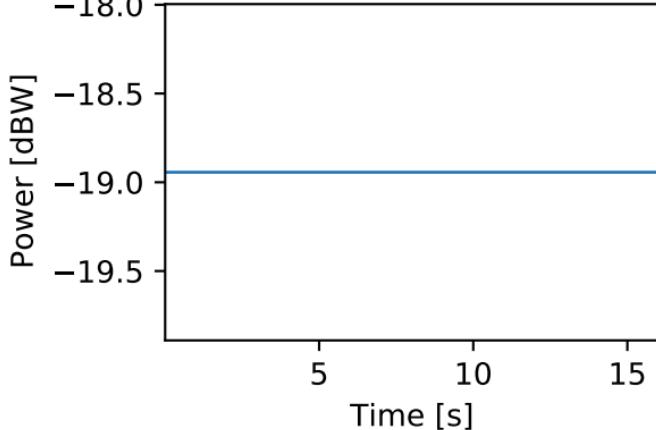
UE 1



UE 2

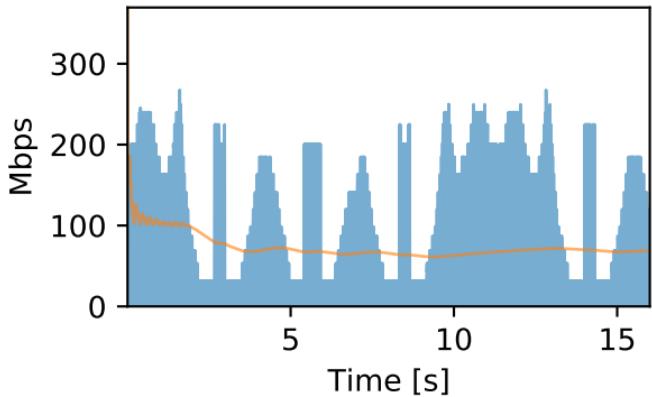


UE 3

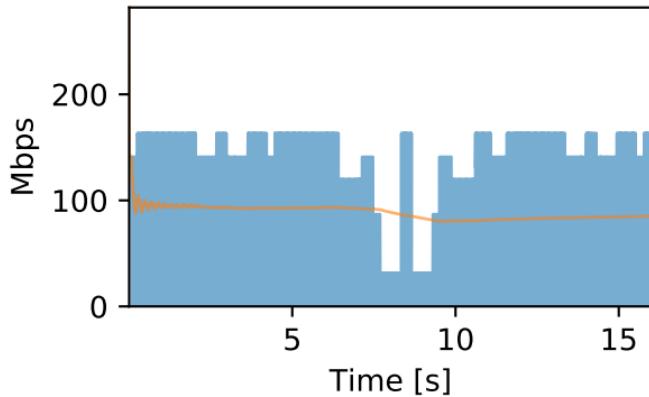


# Realised bitrate

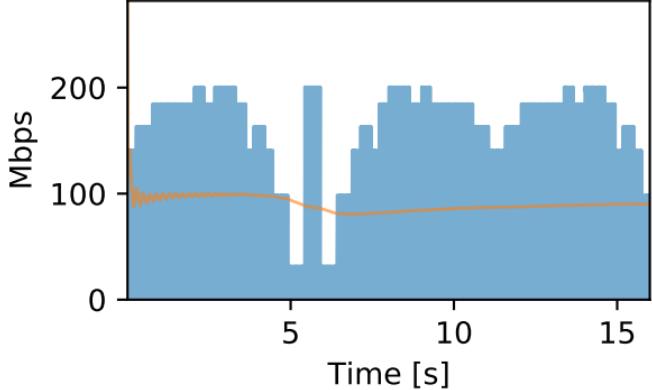
UE 0



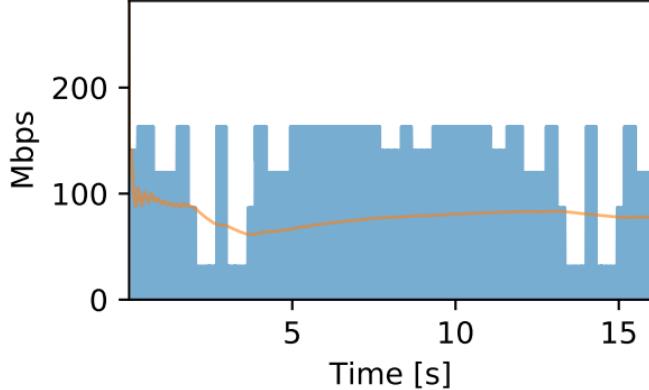
UE 1



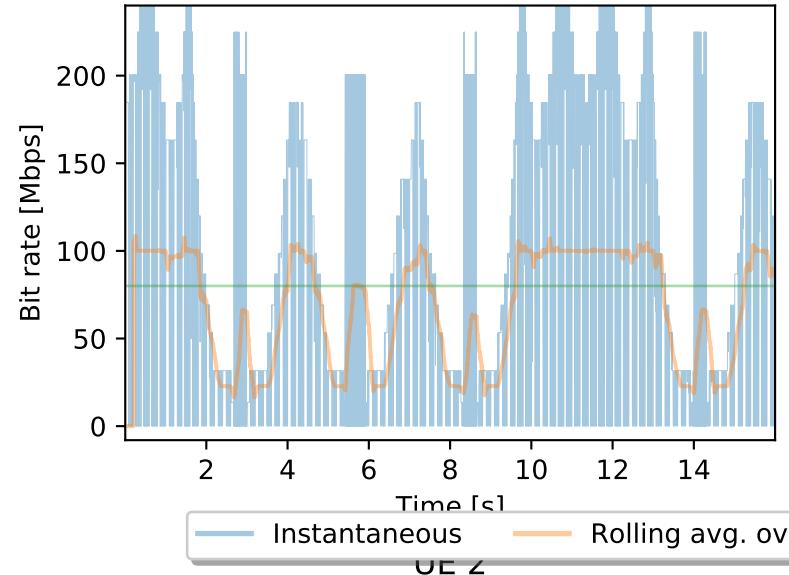
UE 2



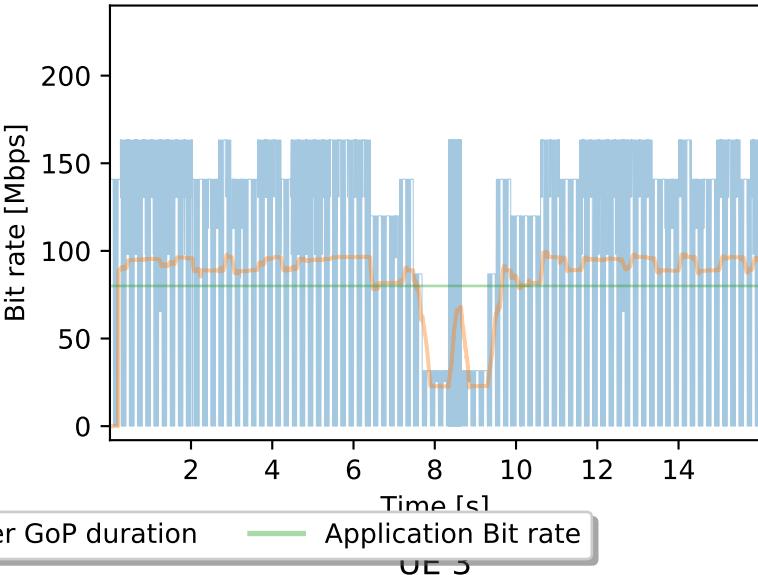
UE 3



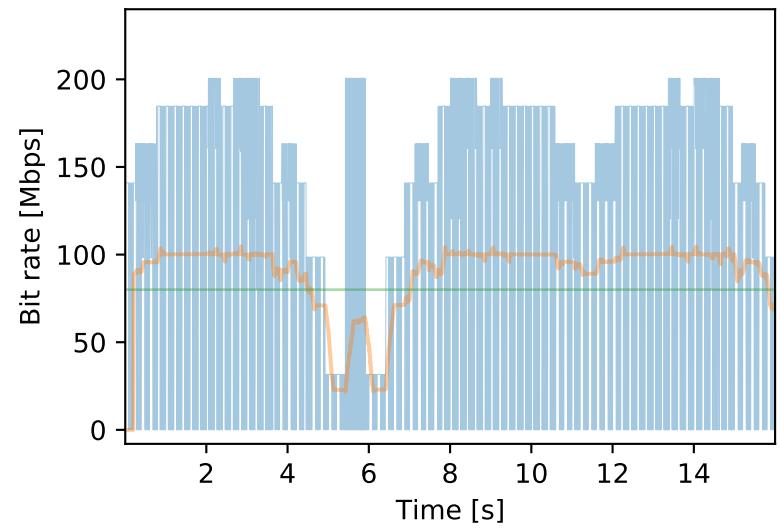
UE 0



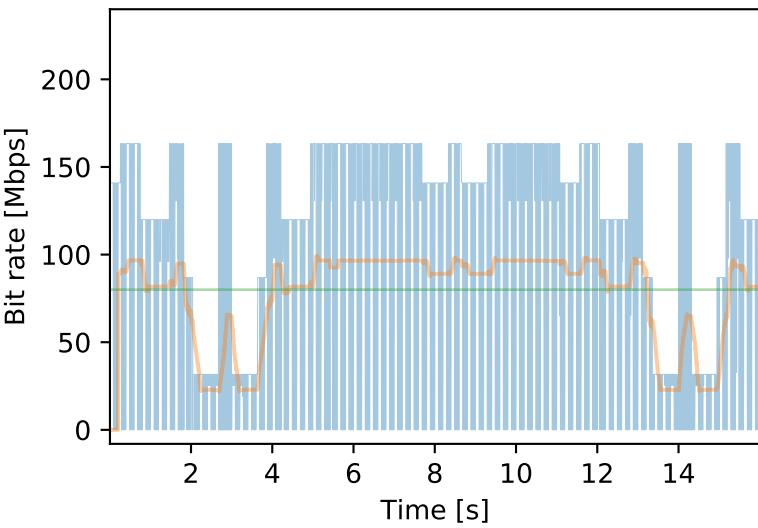
UE 1



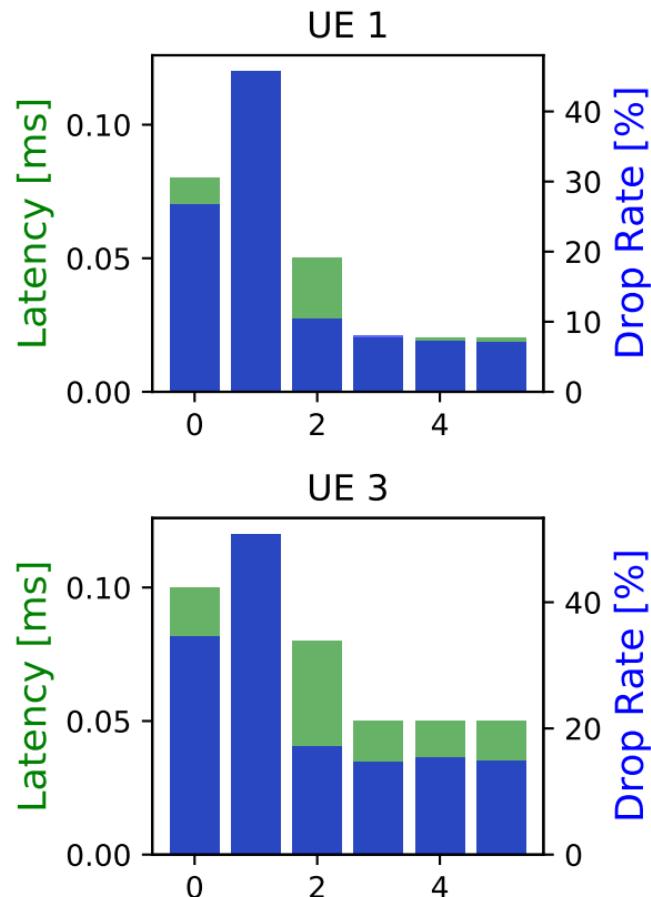
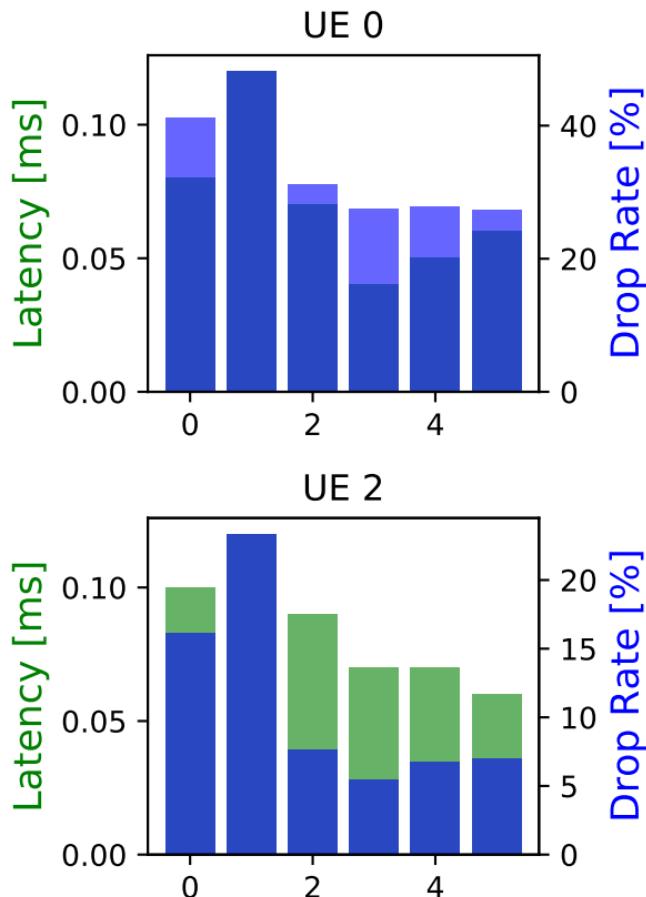
UE 2



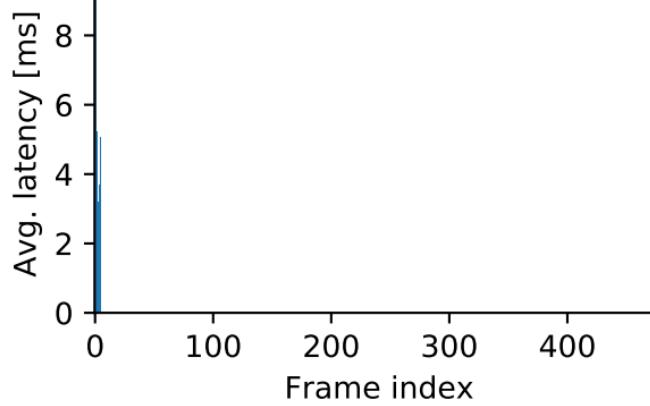
UE 3



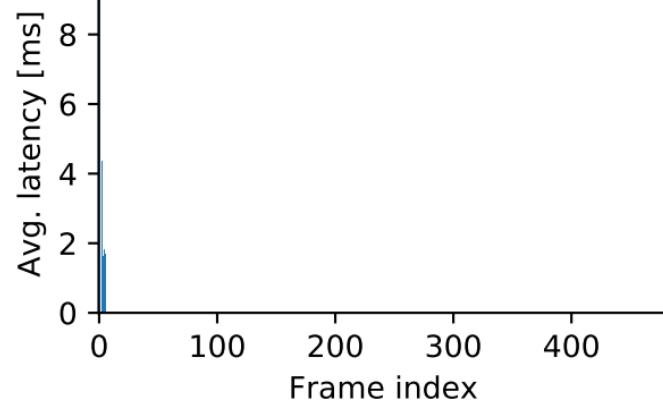
Avg. latency and drop rate per frame in GoP



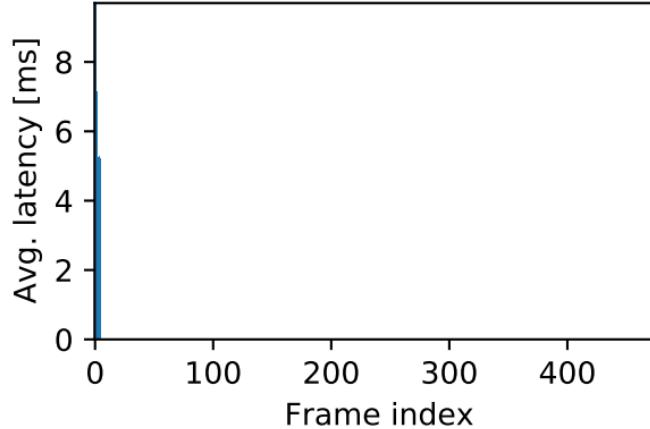
UE 0



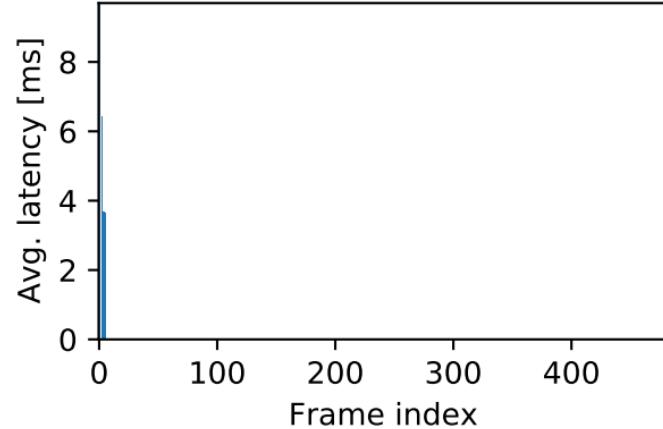
UE 1



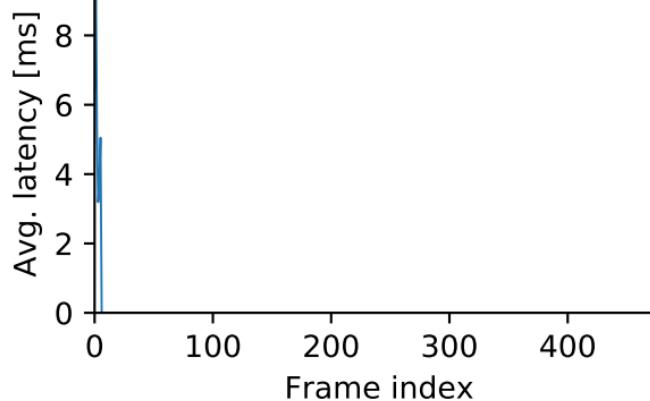
UE 2



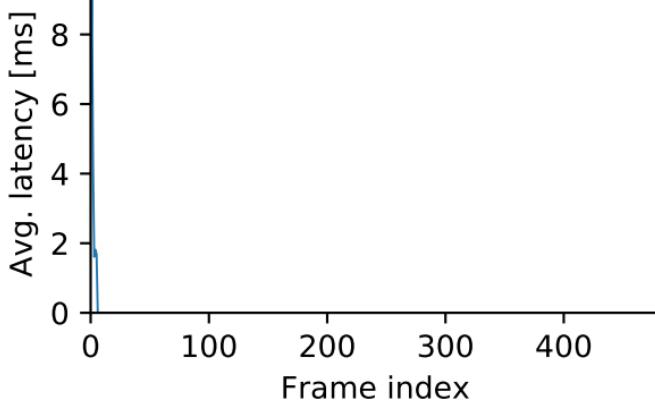
UE 3



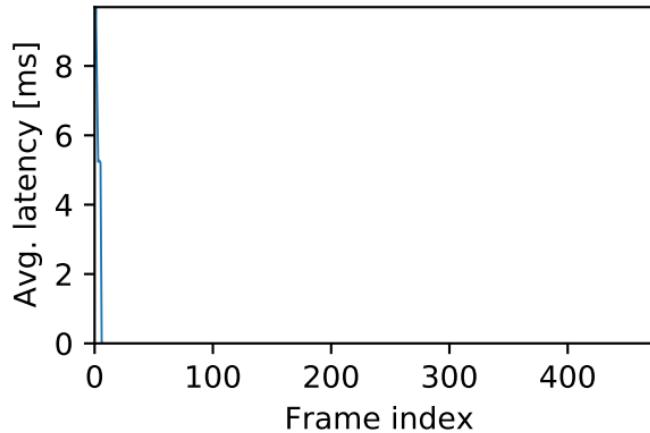
UE 0



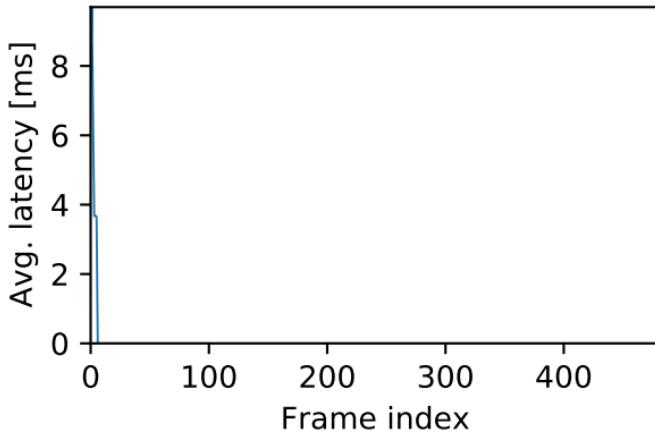
UE 1



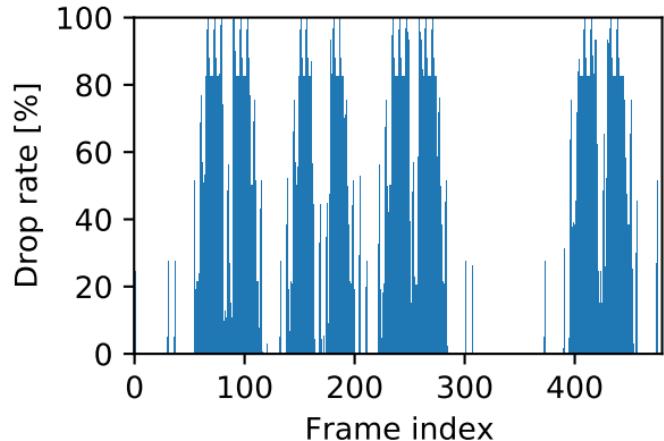
UE 2



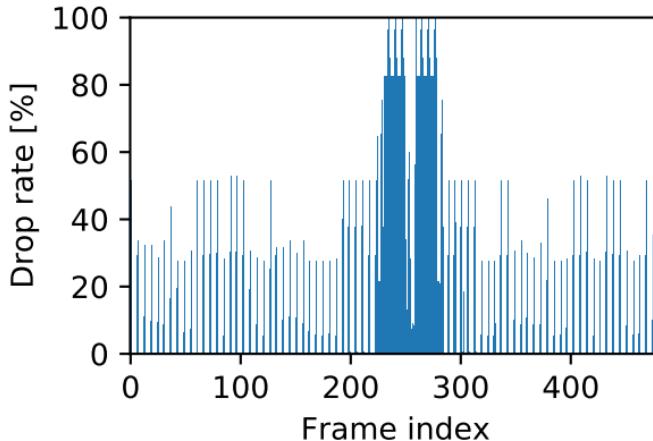
UE 3



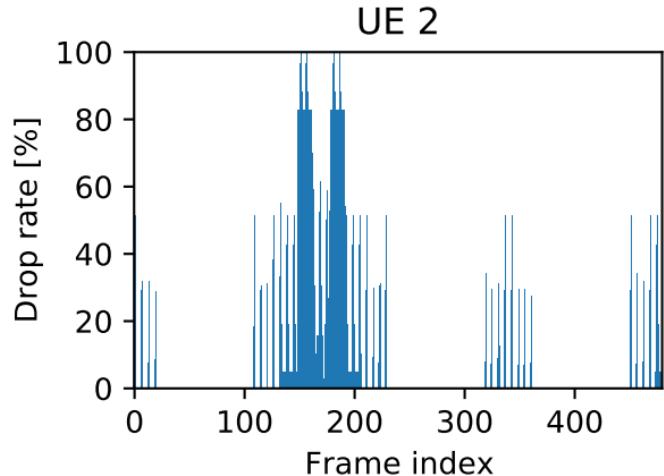
UE 0



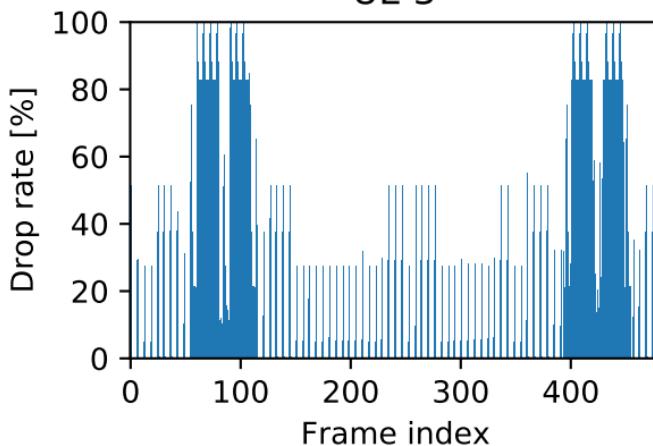
UE 1



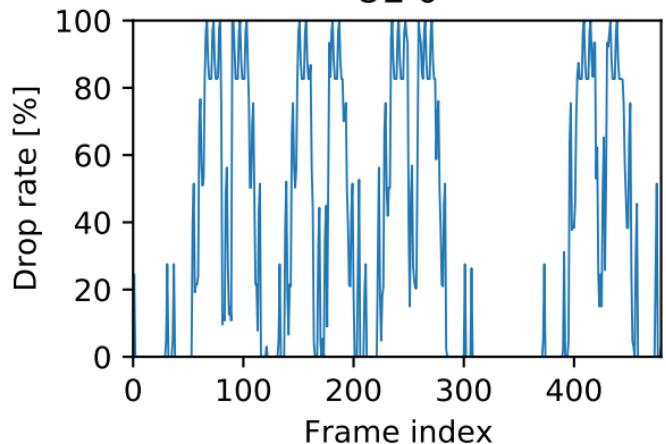
UE 2



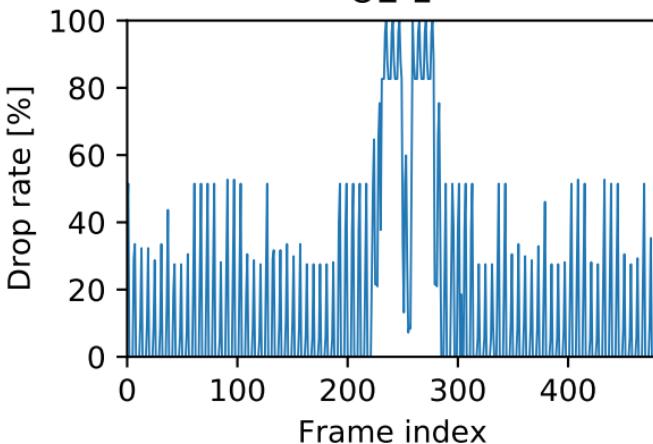
UE 3



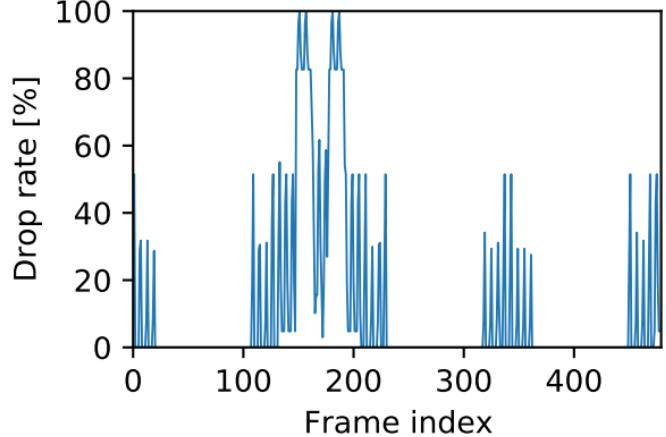
UE 0



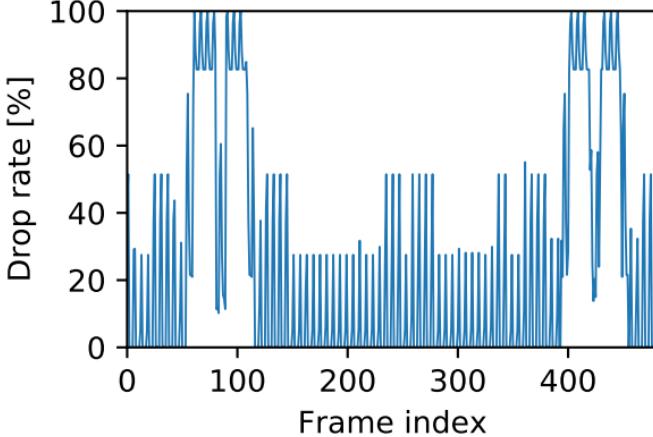
UE 1

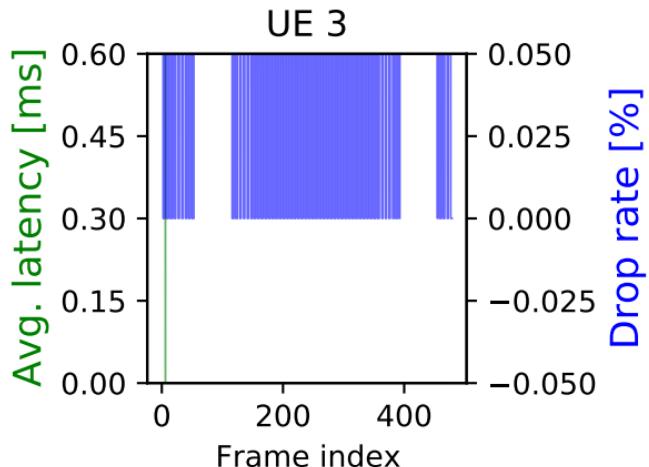
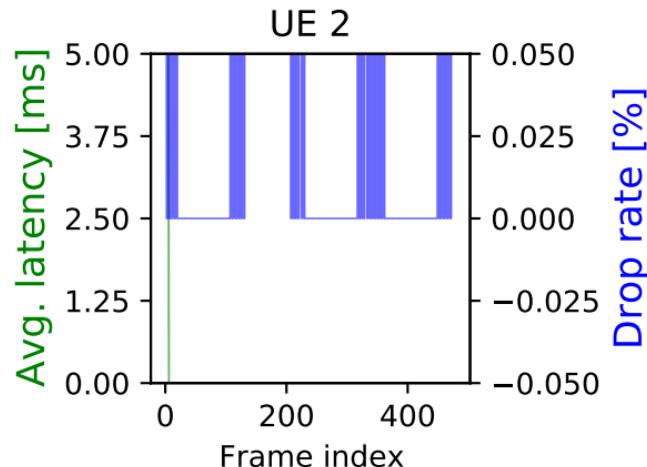
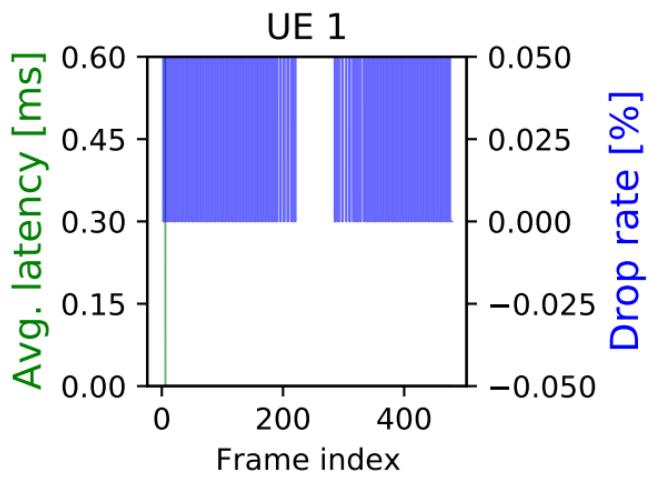
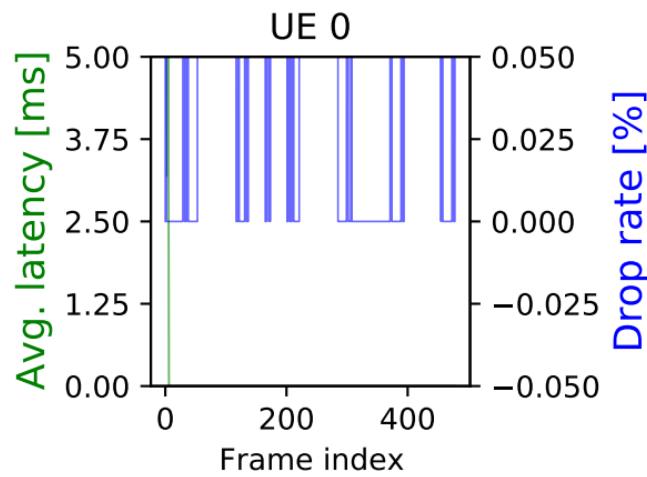


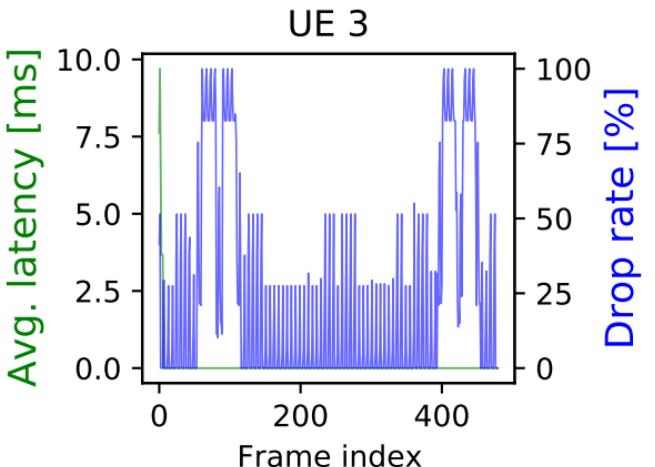
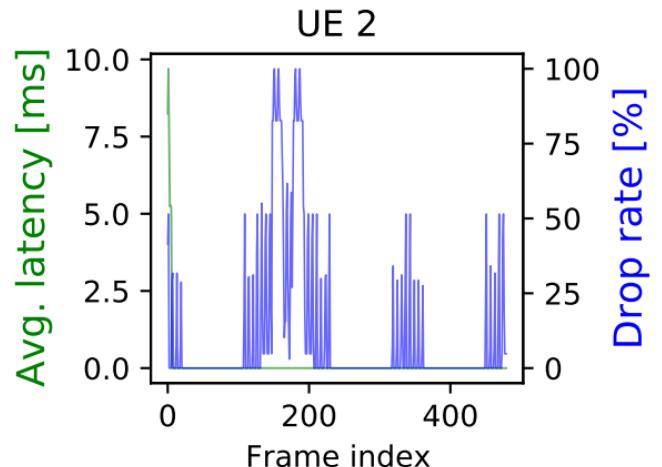
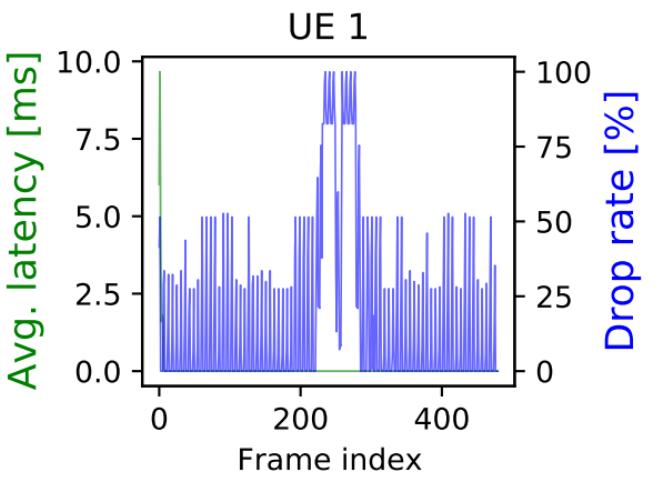
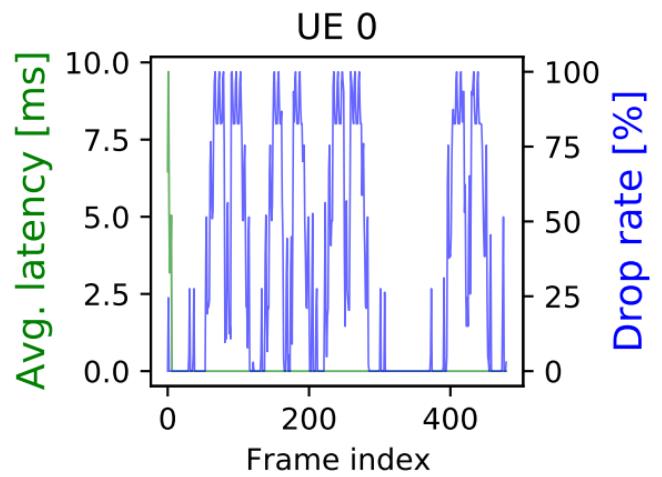
UE 2

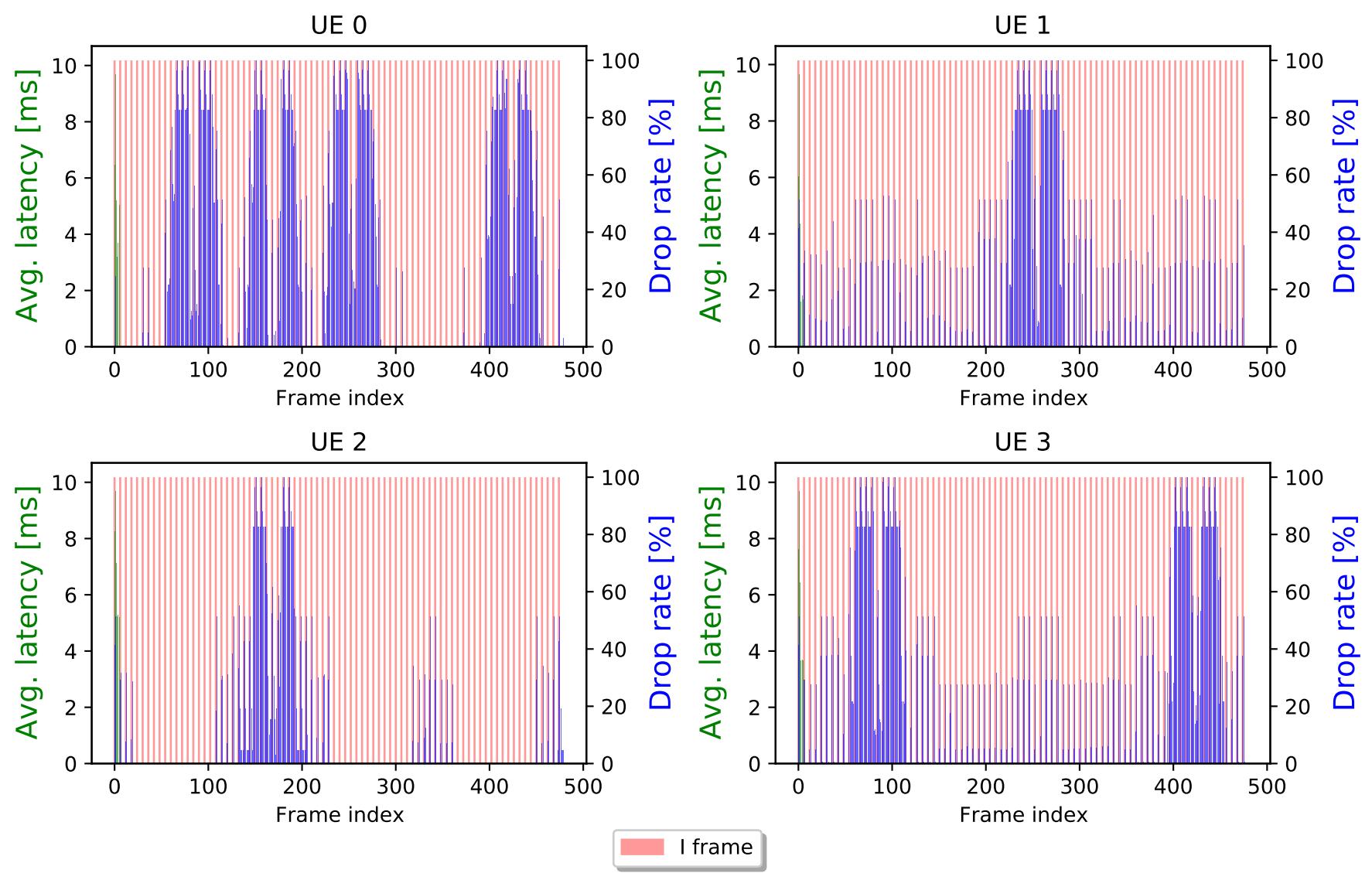


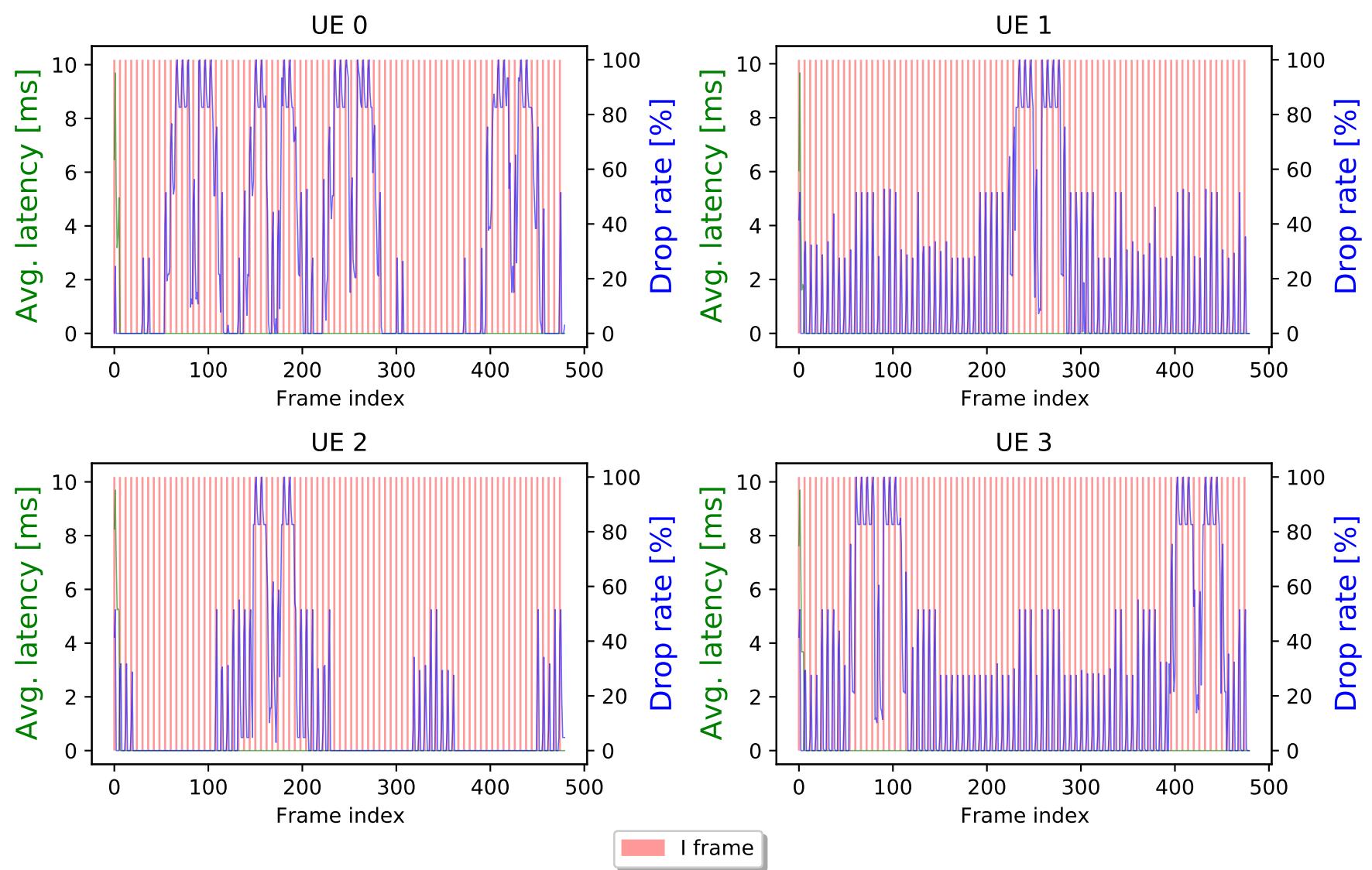
UE 3





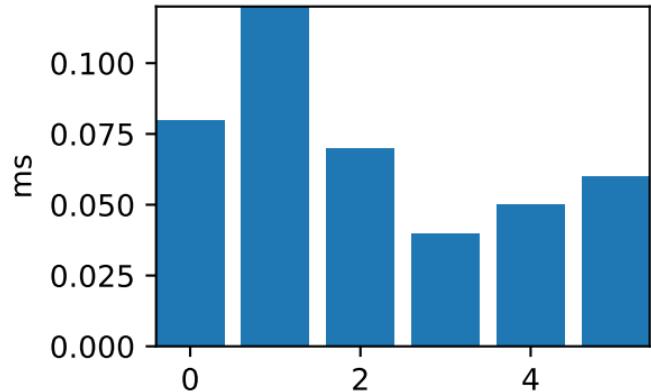




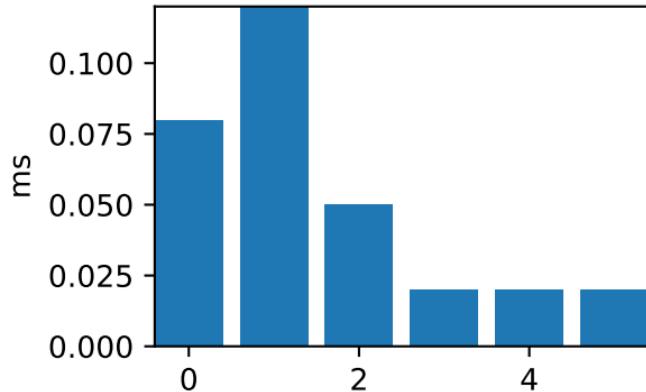


# Avg. Latency per frame in GoP

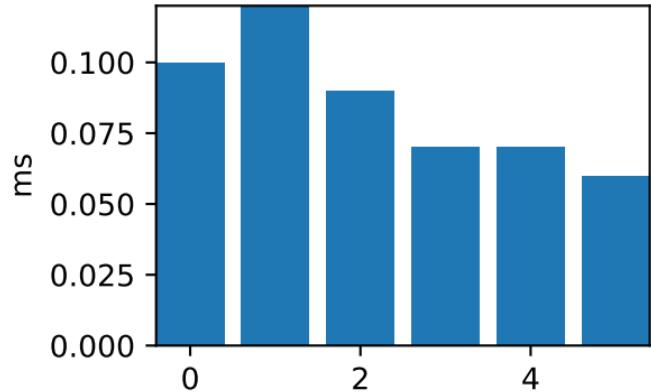
UE 0



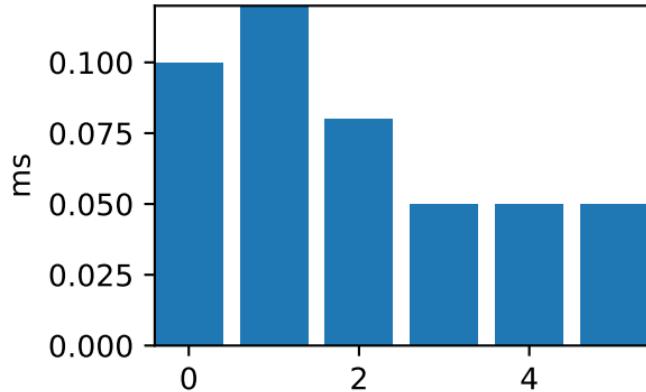
UE 1



UE 2

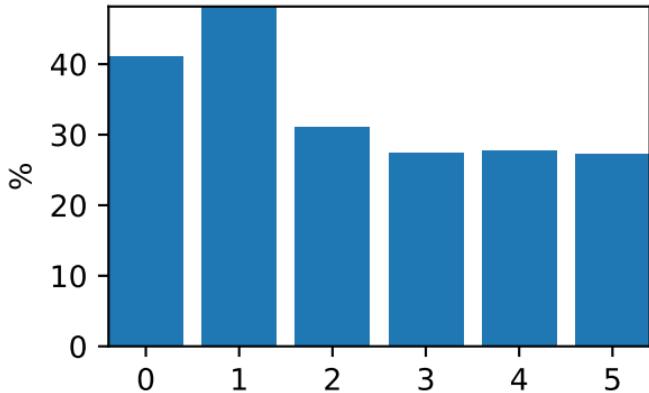


UE 3

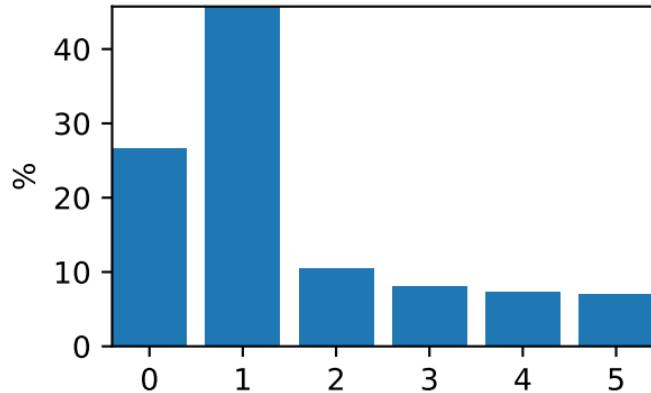


# Avg. drop rate per frame in GoP

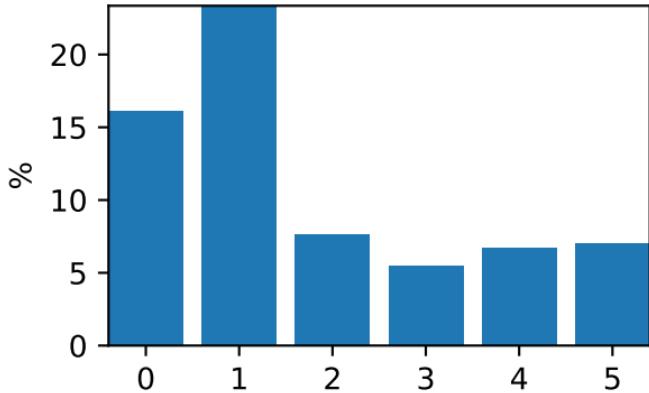
UE 0



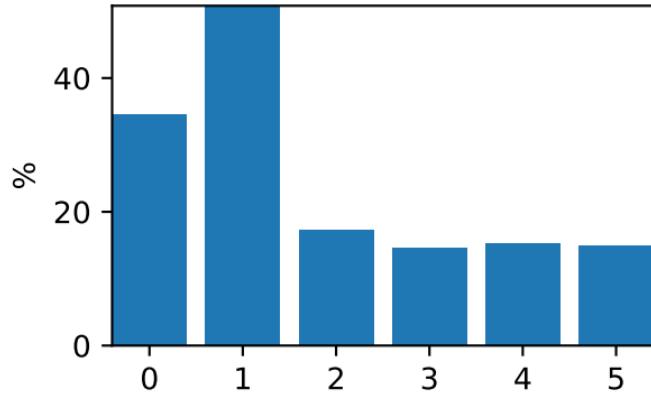
UE 1



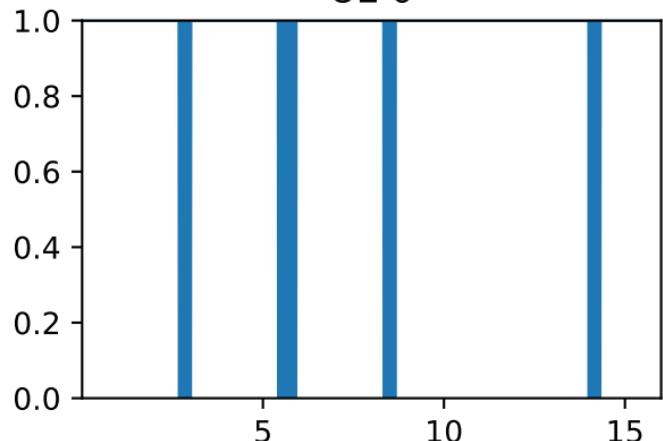
UE 2



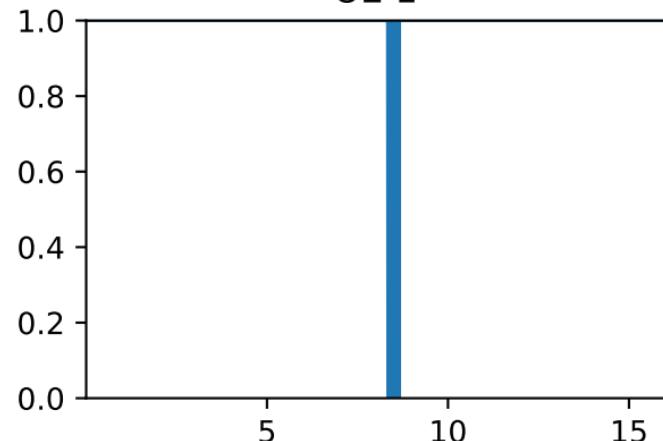
UE 3



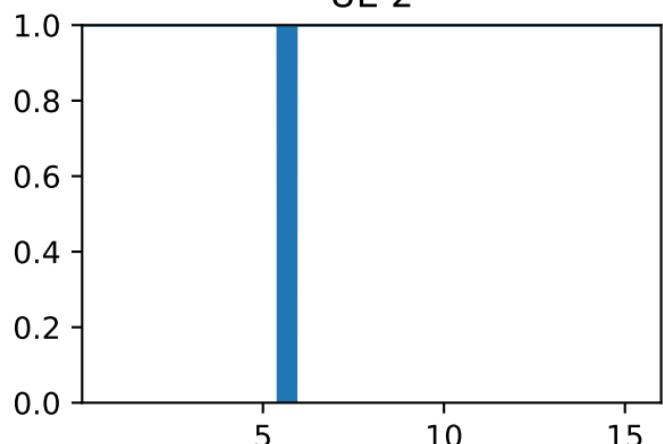
UE 0



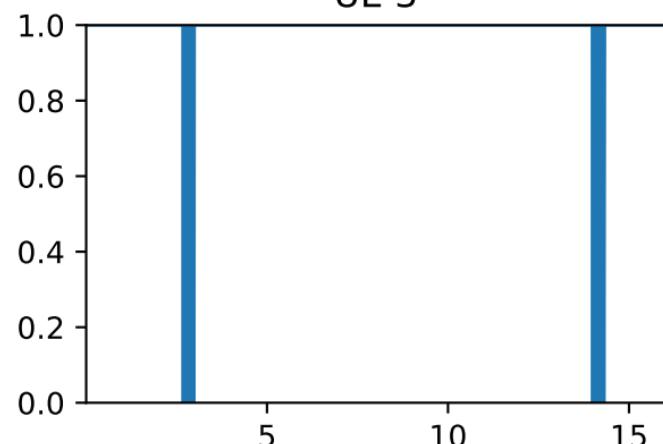
UE 1

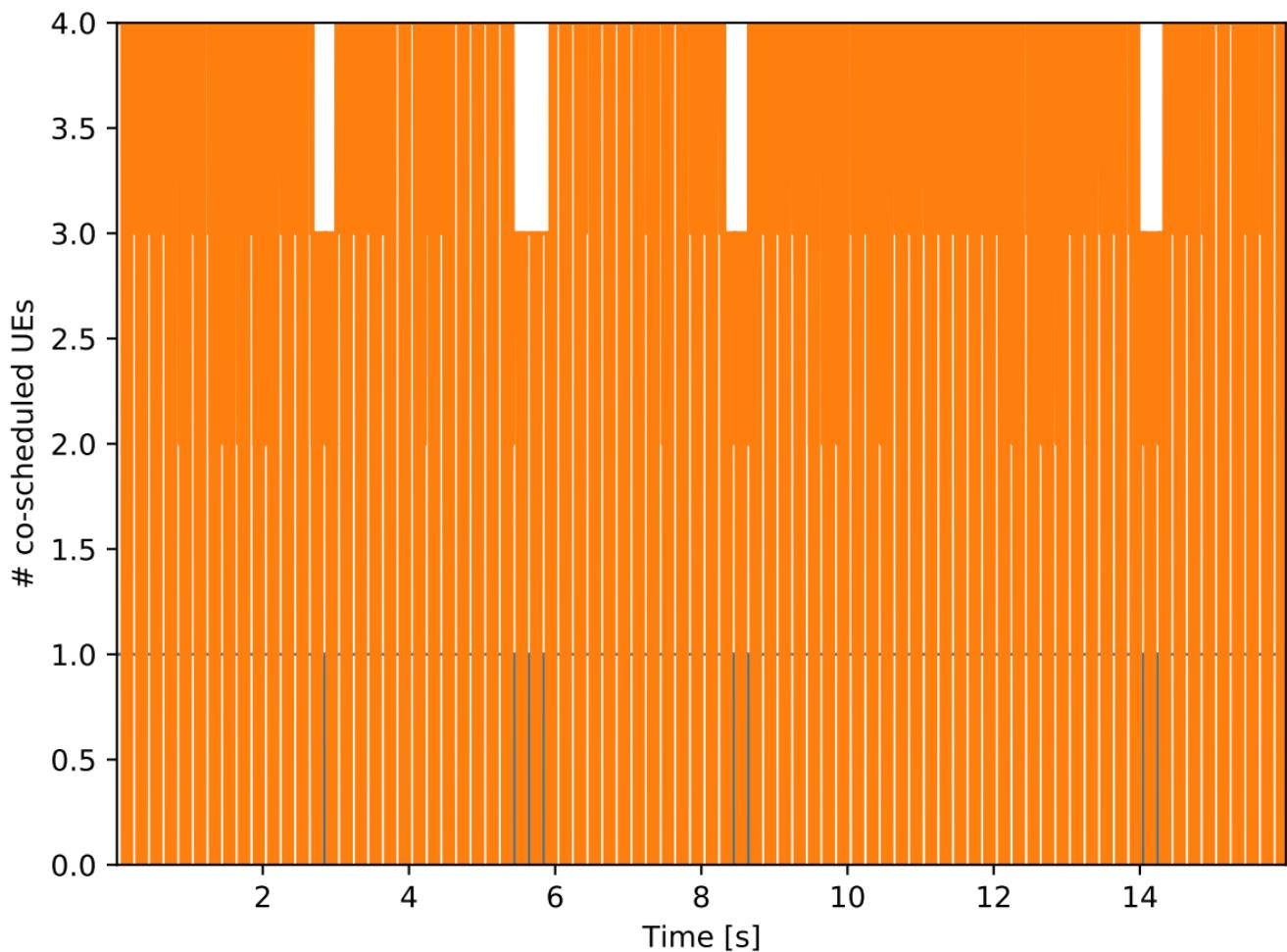


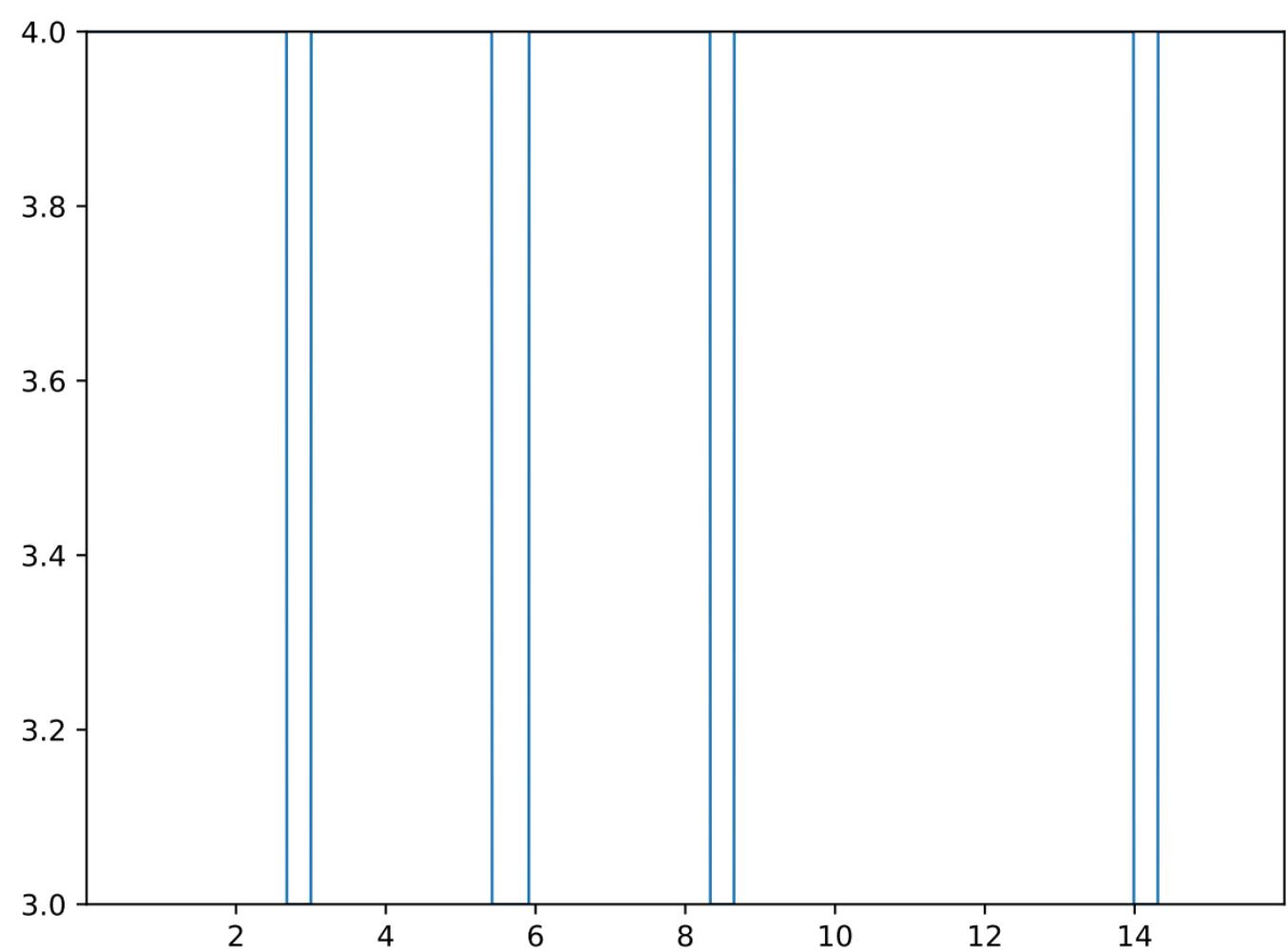
UE 2



UE 3

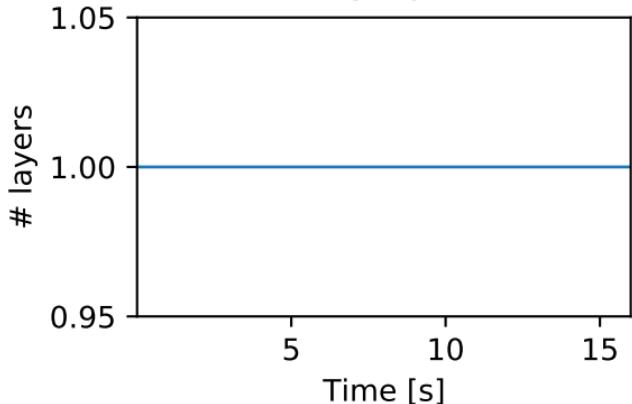




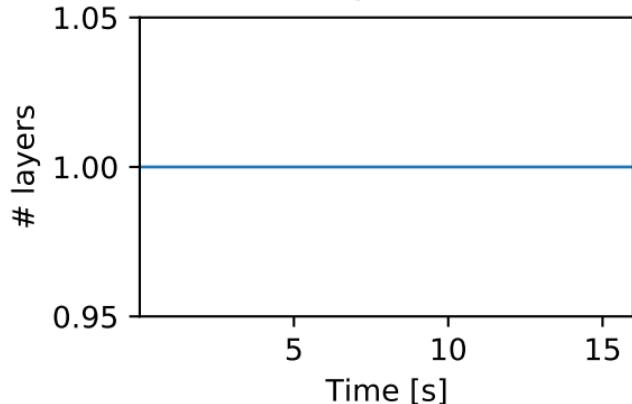


## Number of layers per UE

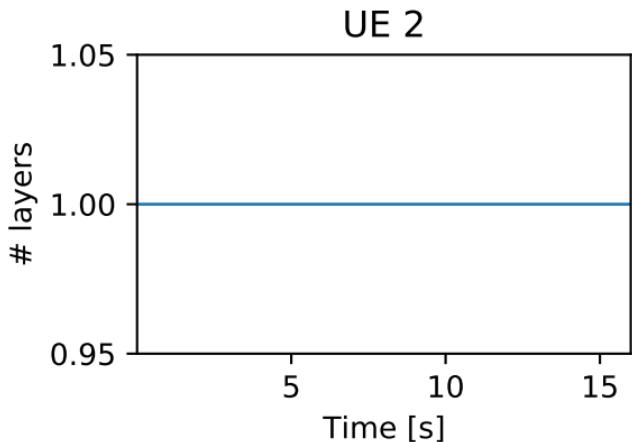
UE 0



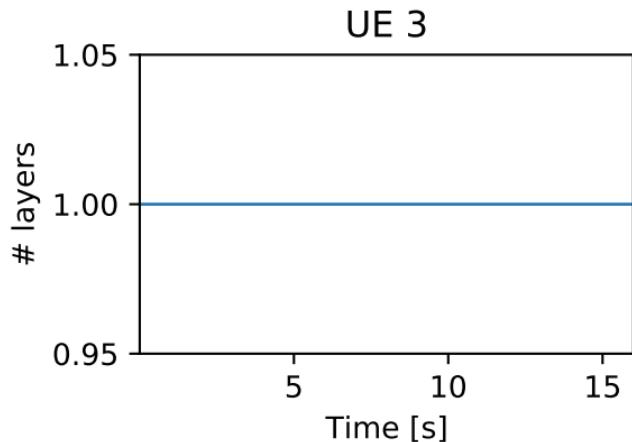
UE 1



UE 2



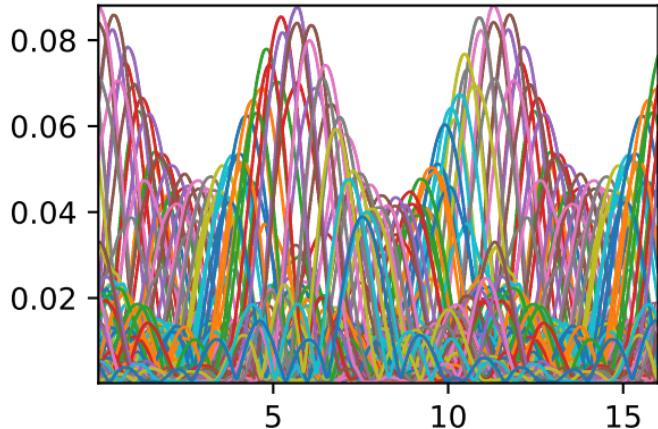
UE 3



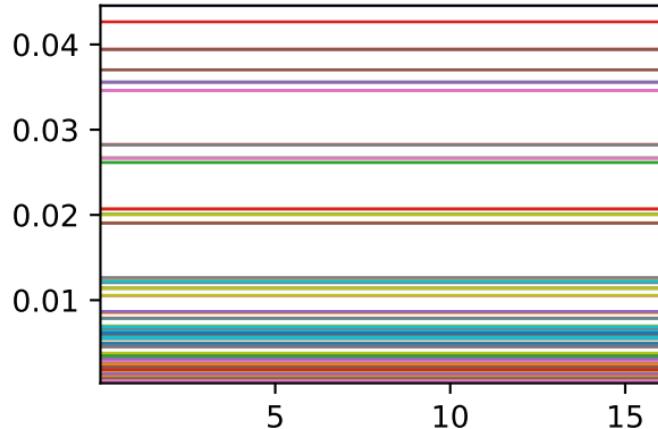




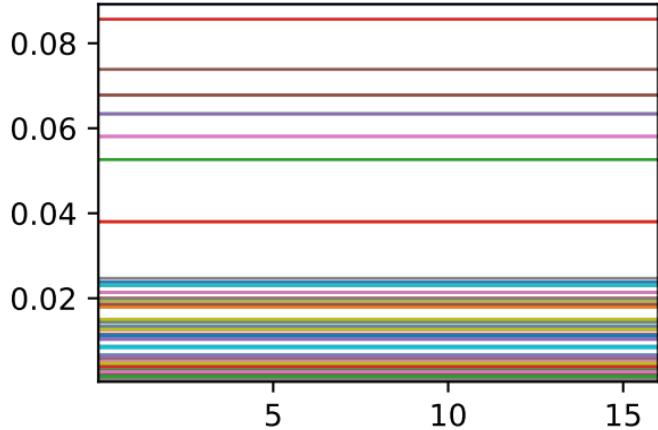
UE 0



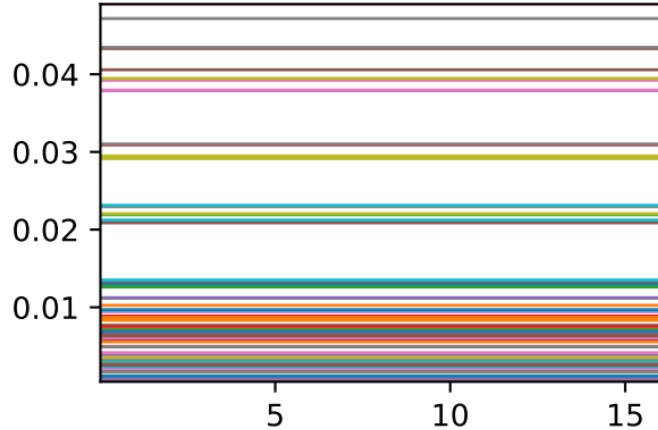
UE 1



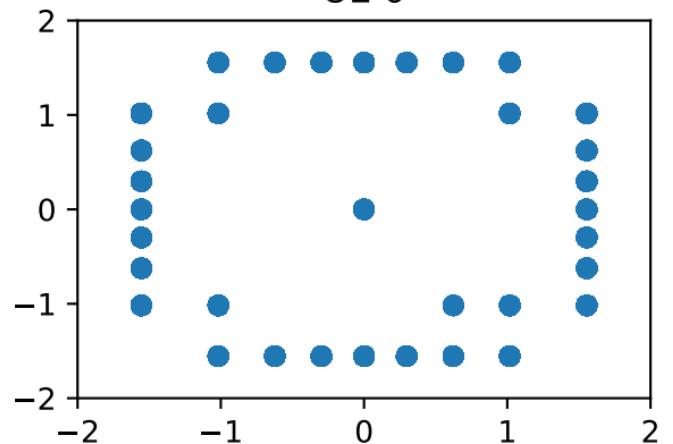
UE 2



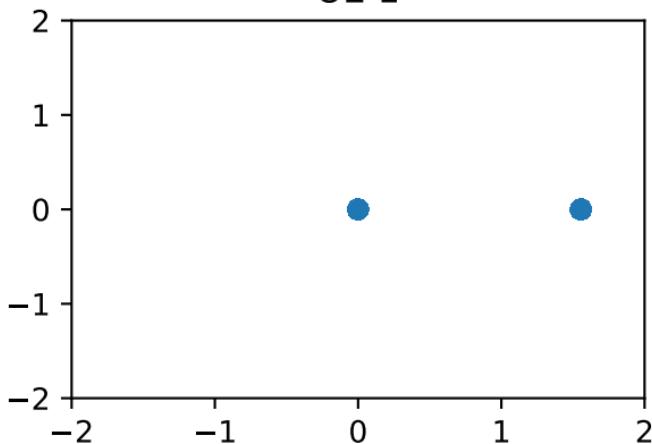
UE 3



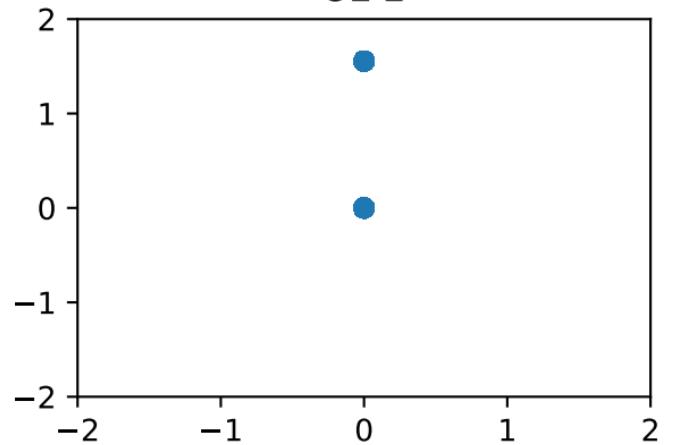
UE 0



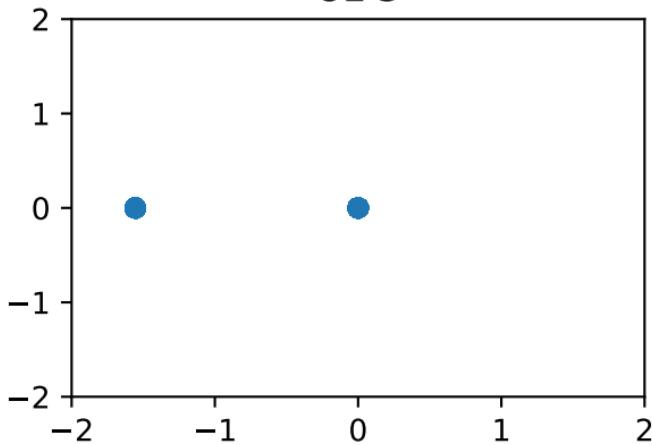
UE 1

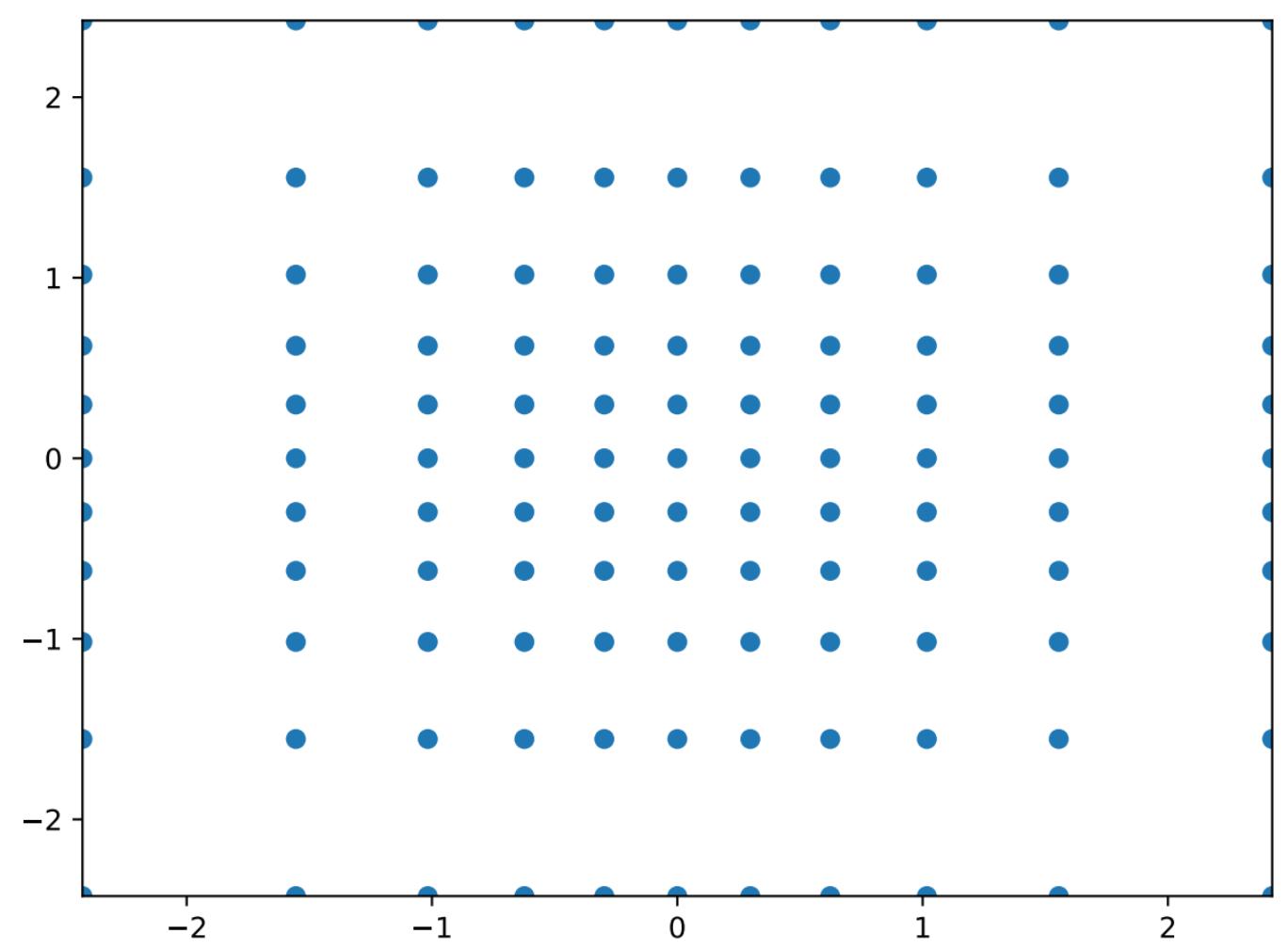


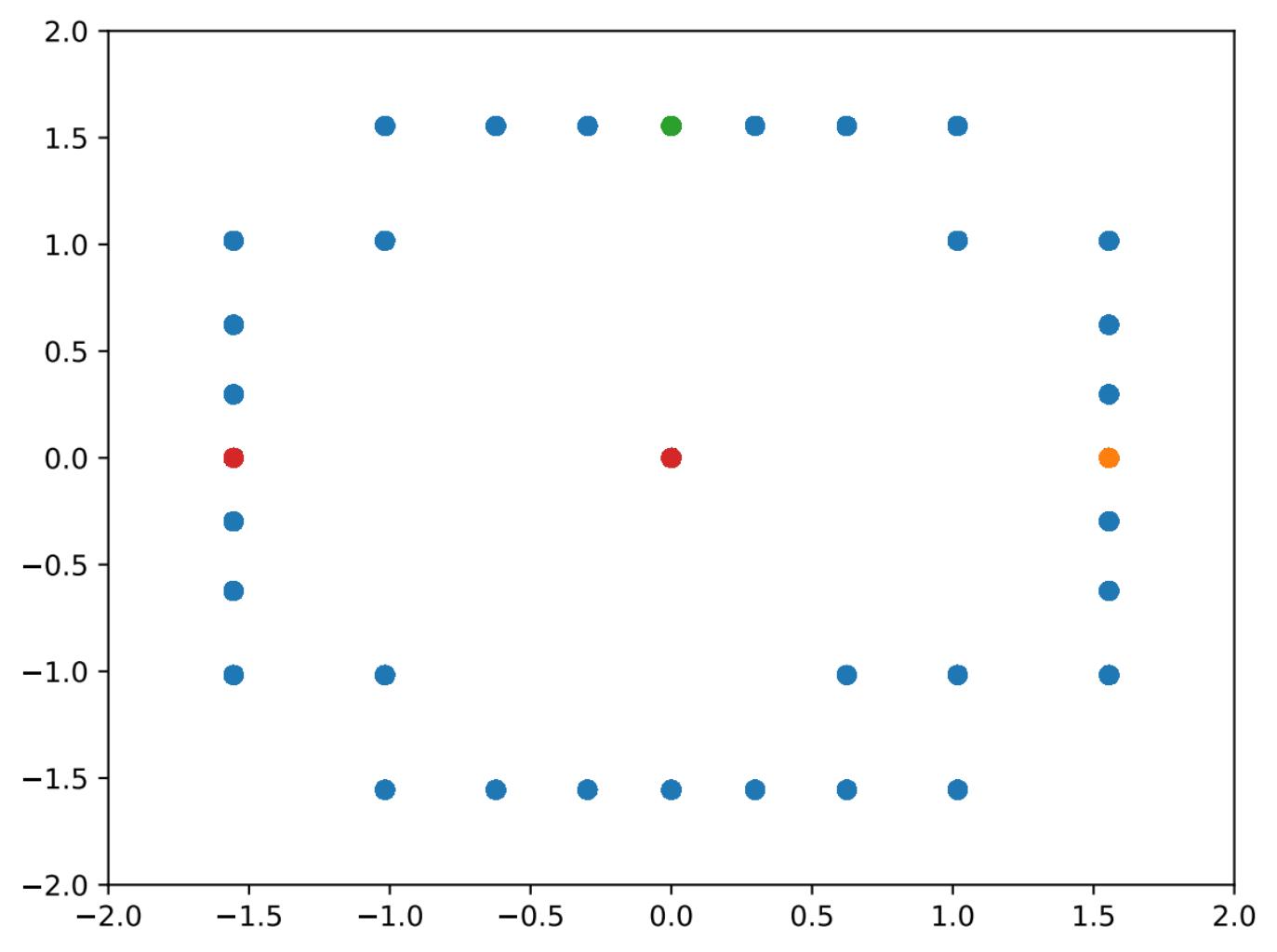
UE 2



UE 3

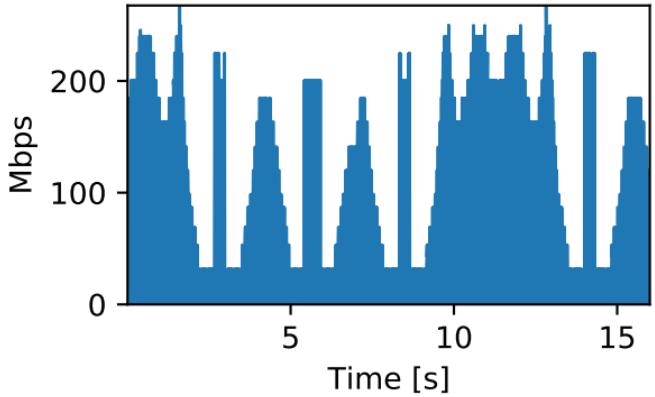




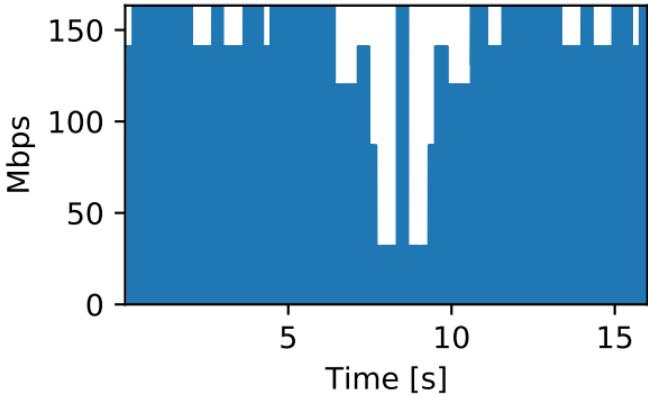


# Realised bitrate

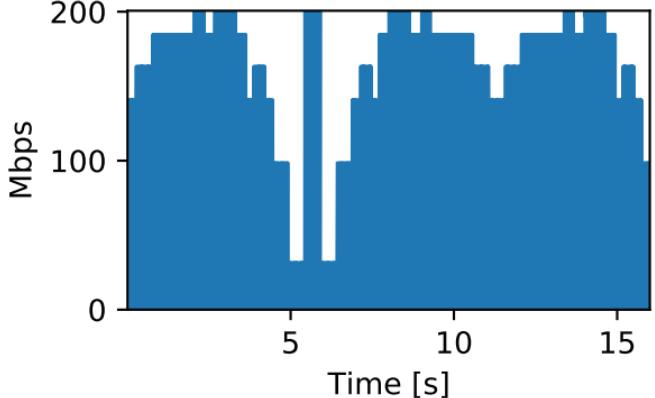
UE 0



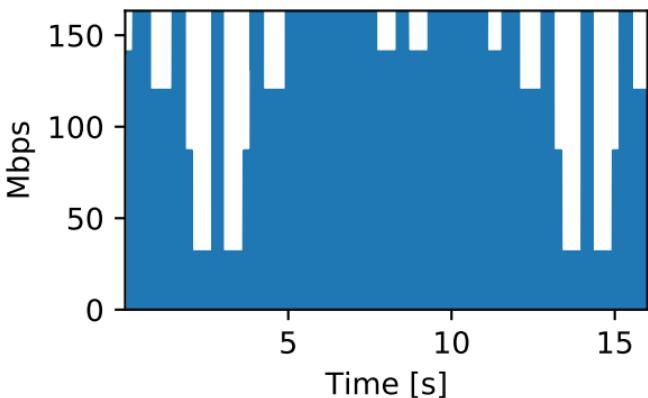
UE 1

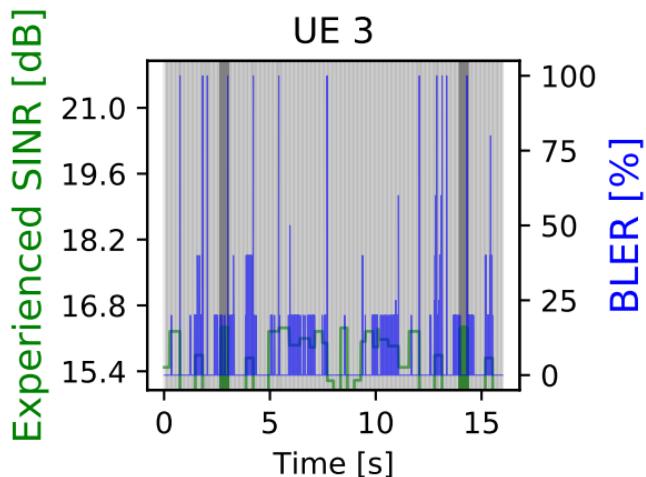
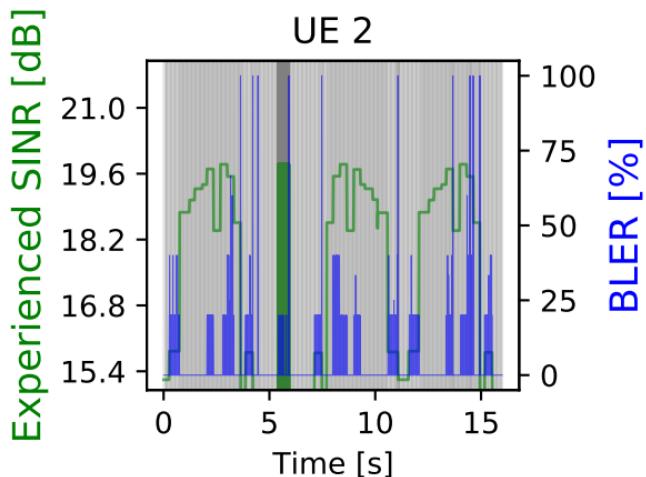
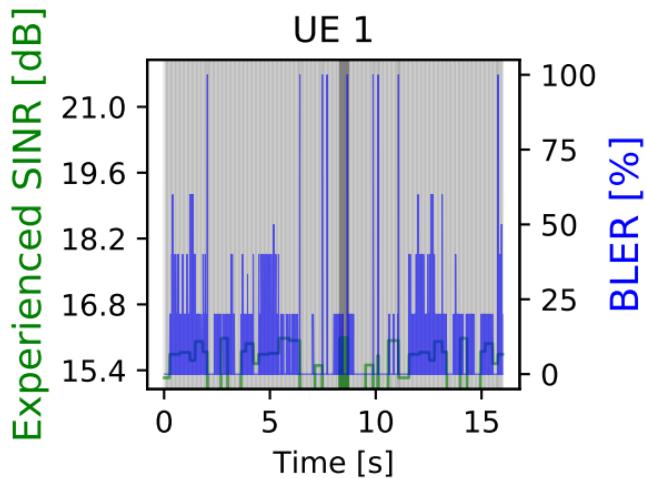
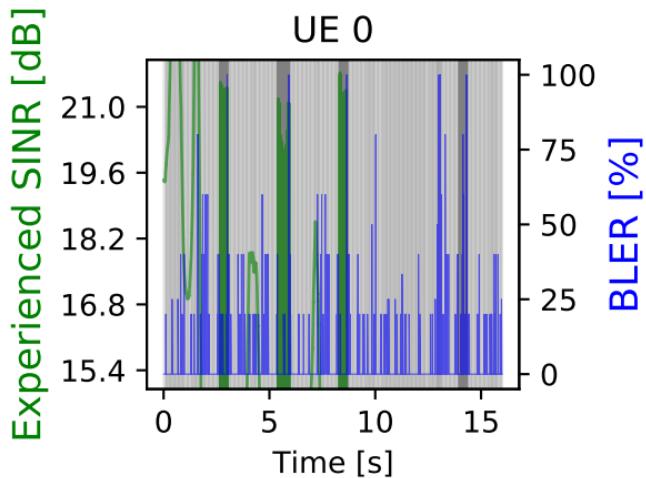


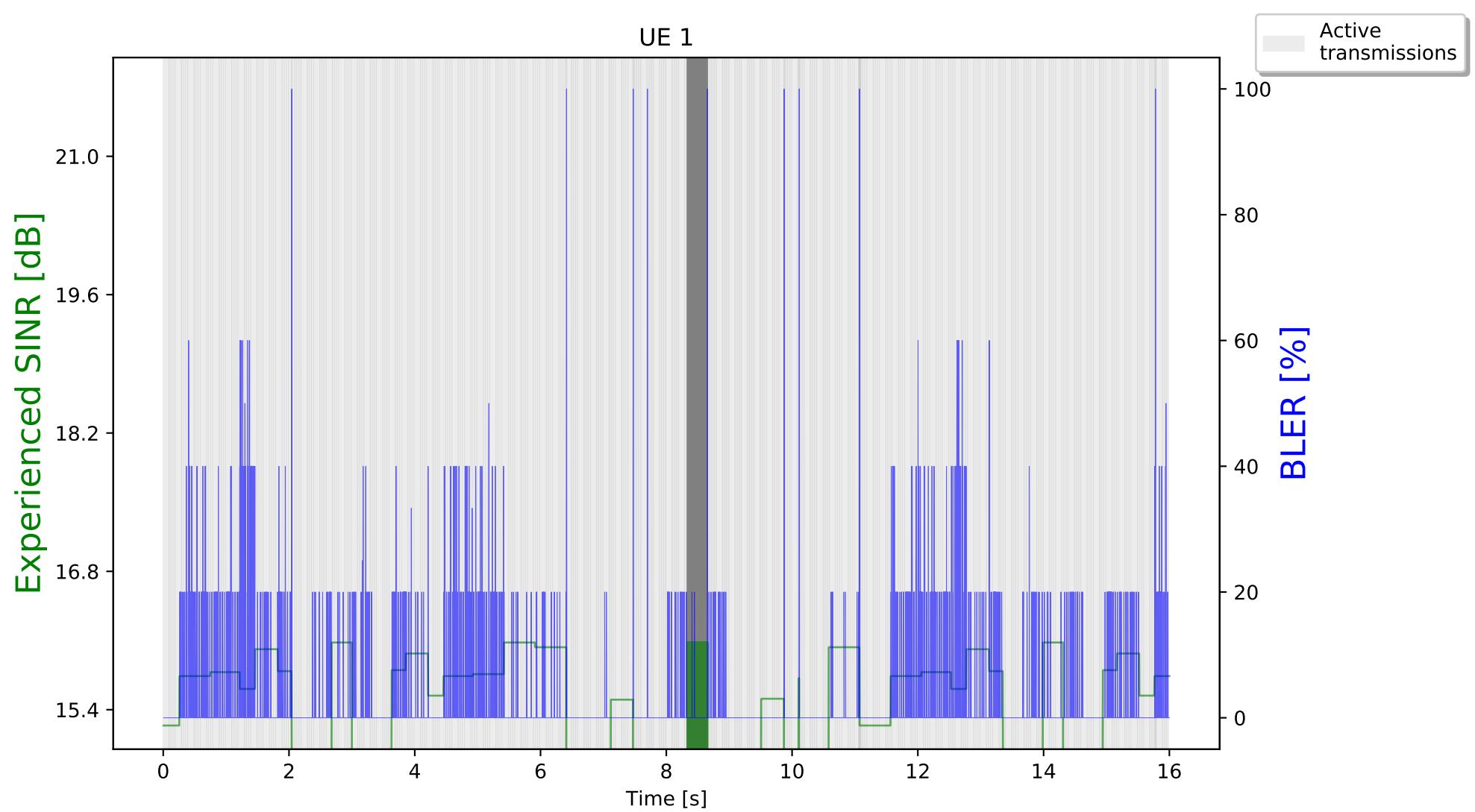
UE 2

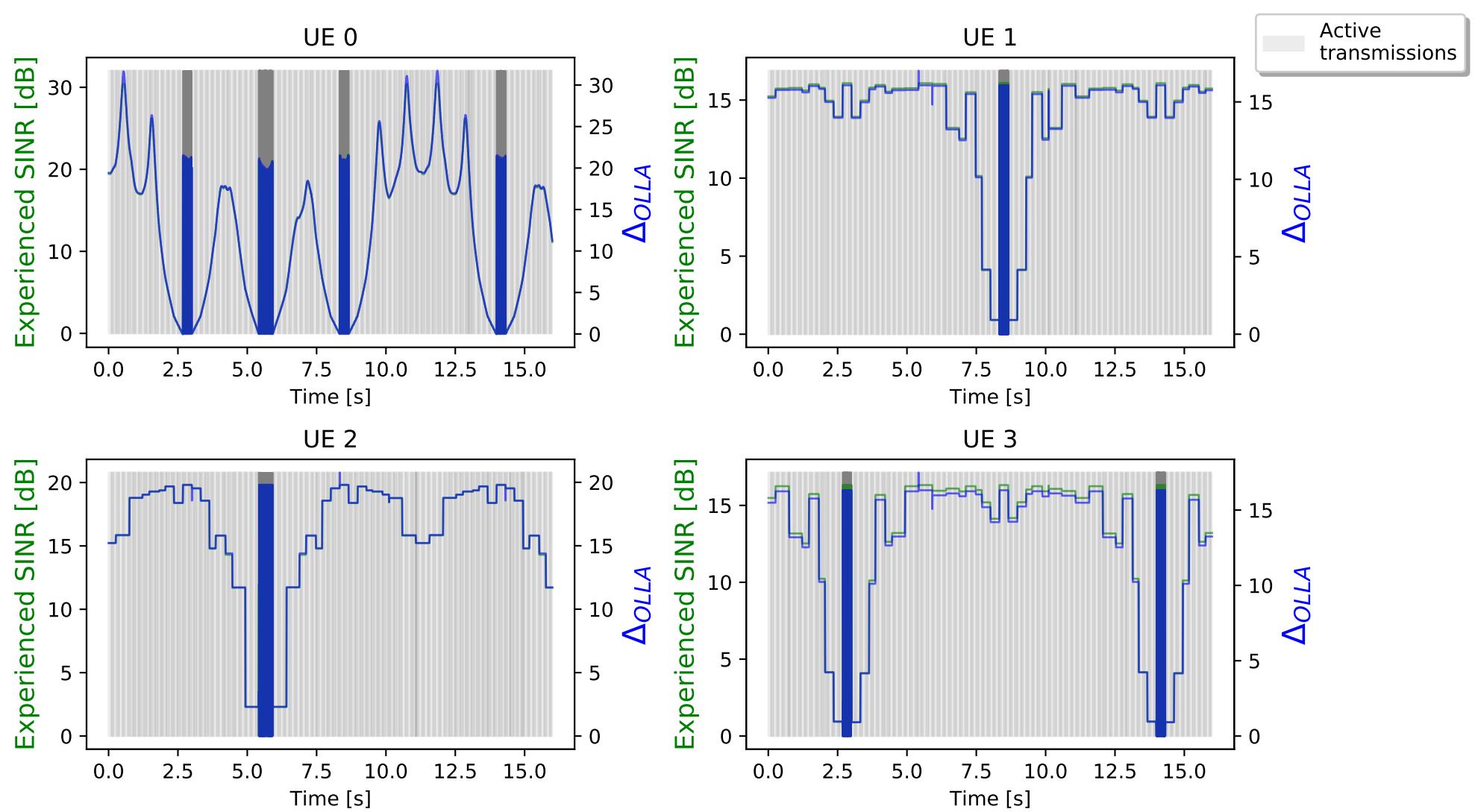


UE 3



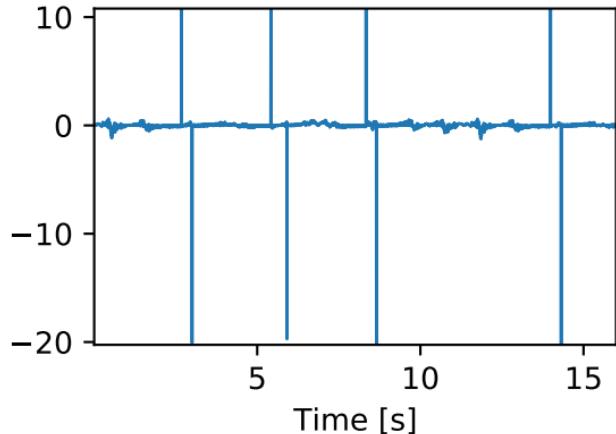






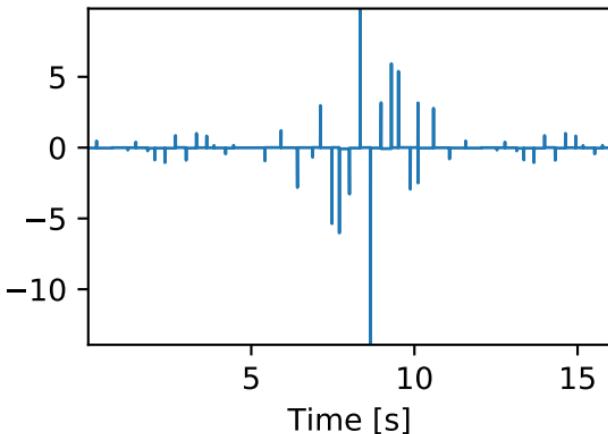
UE 0

SINR diff [dB]



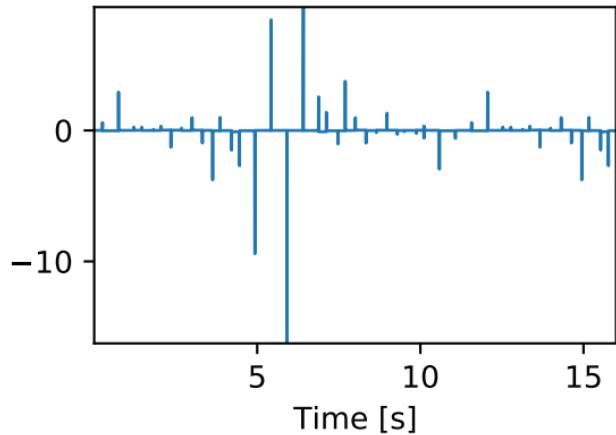
UE 1

SINR diff [dB]



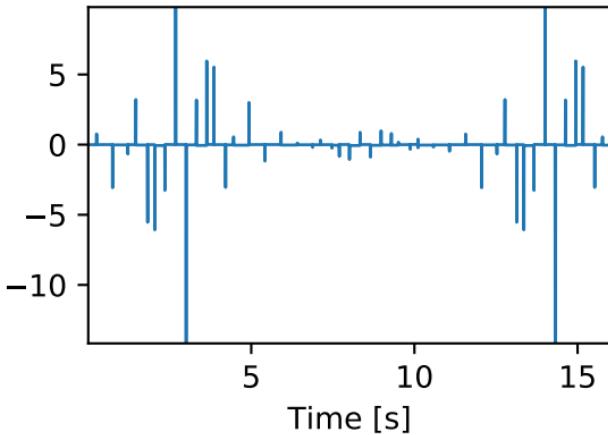
UE 2

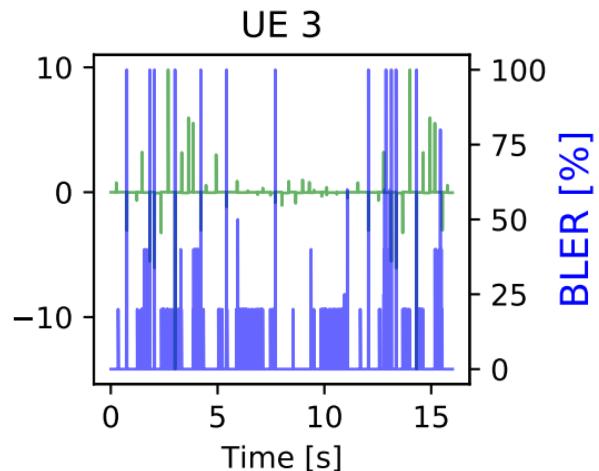
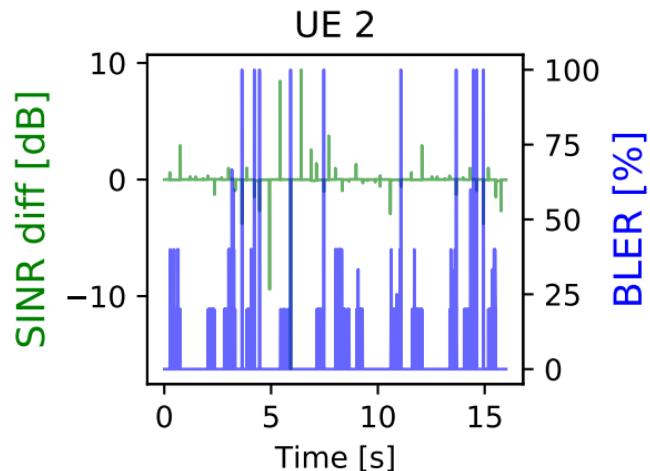
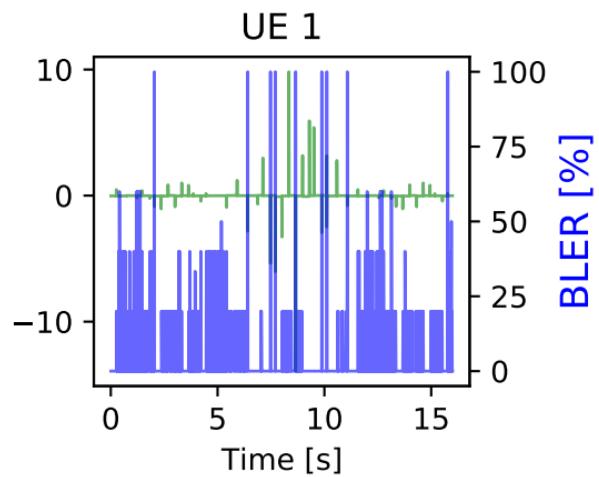
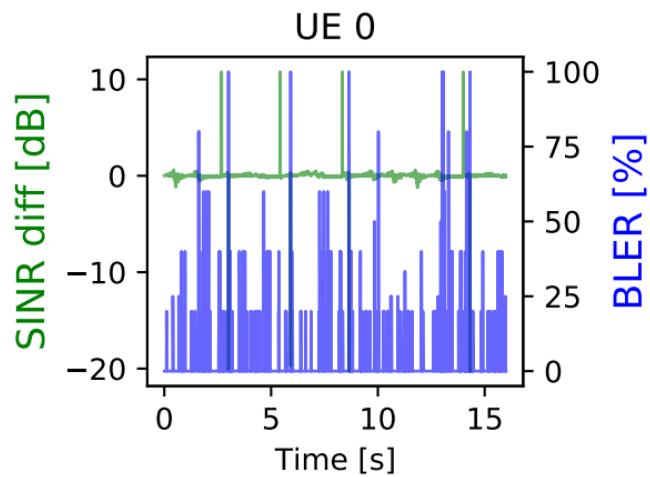
SINR diff [dB]



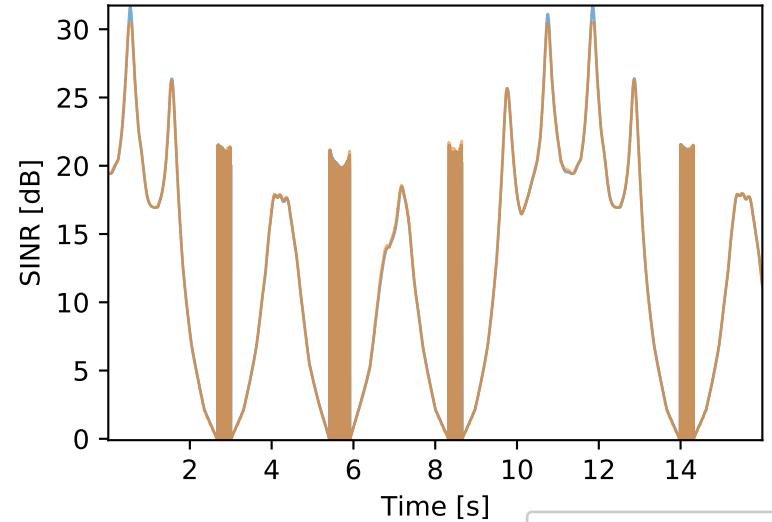
UE 3

SINR diff [dB]

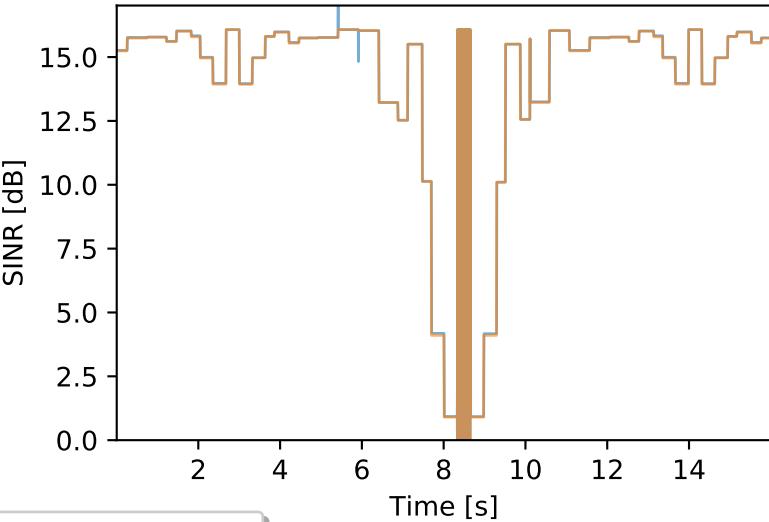




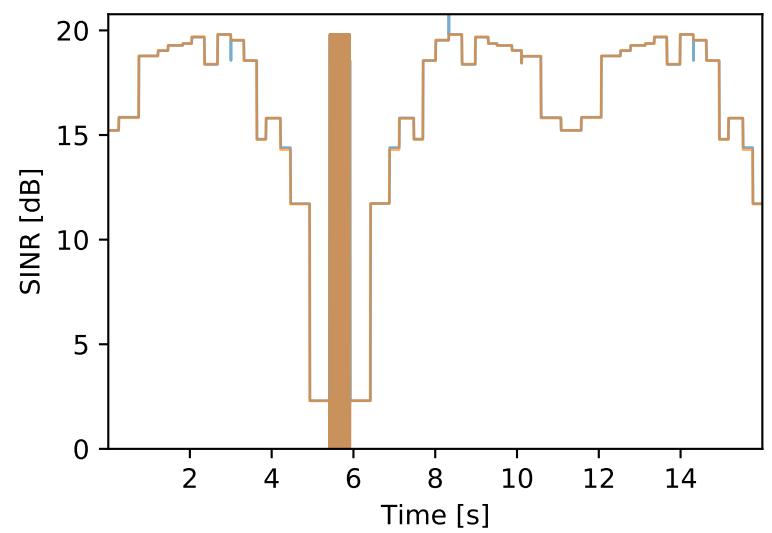
UE 0



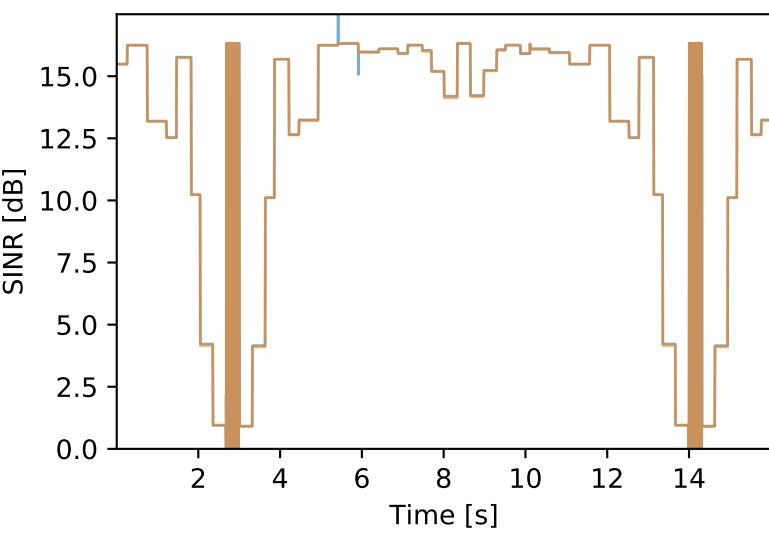
UE 1



UE 2

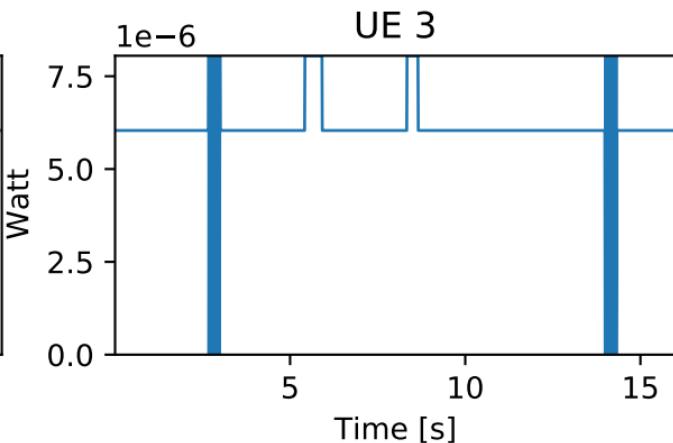
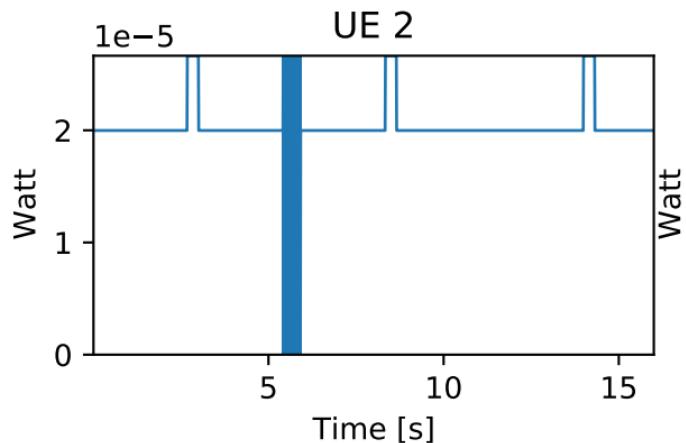
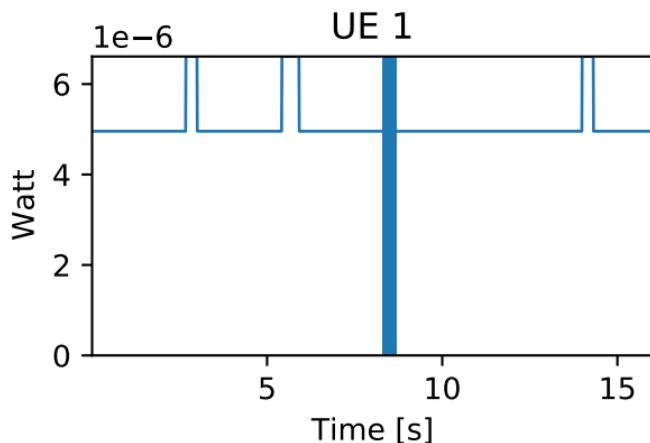
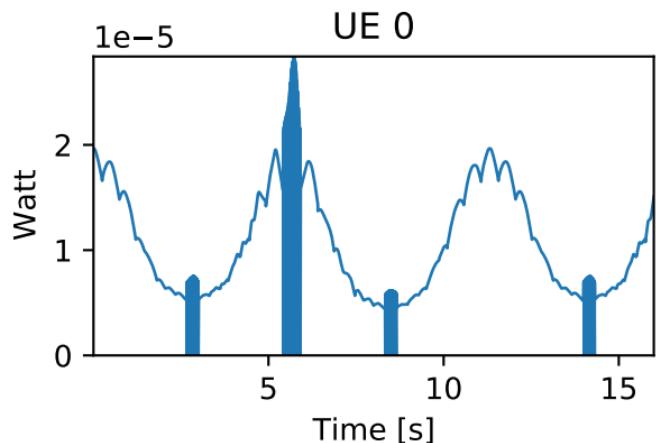


UE 3



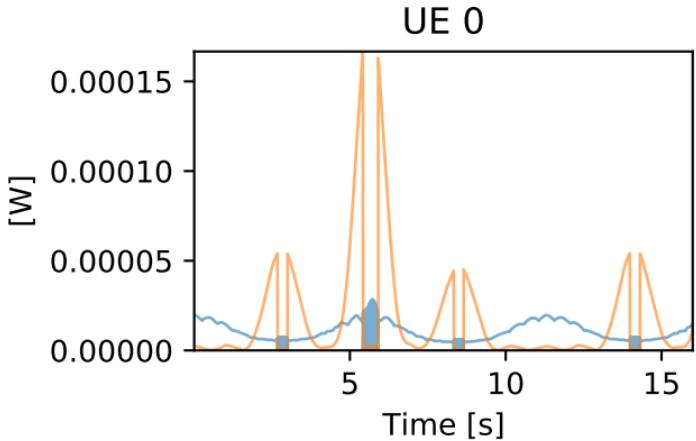
Estimated      Experienced

signal power across time

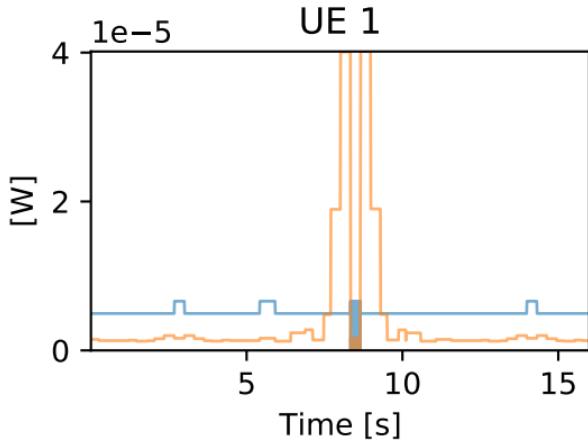


# Signal Power vs Interference

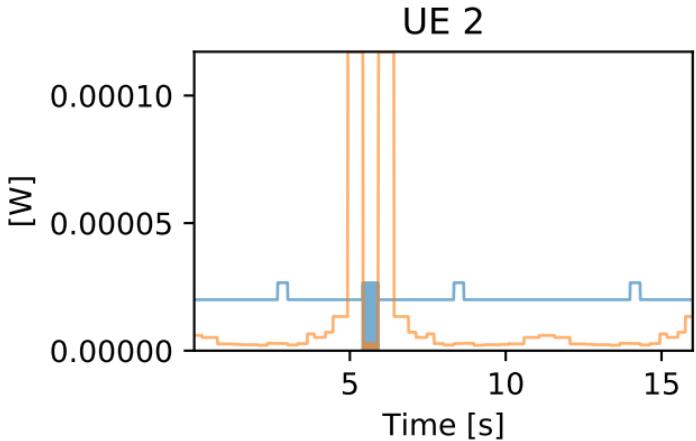
UE 0



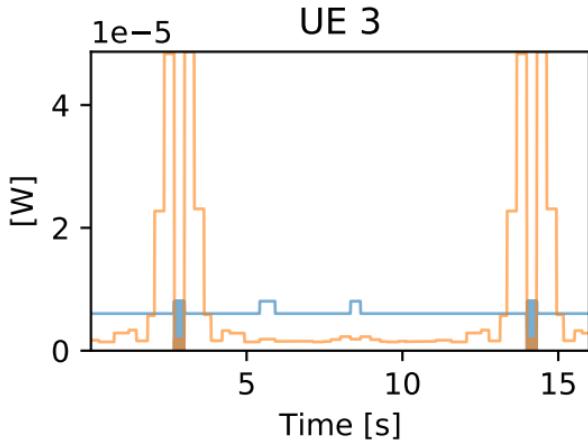
UE 1

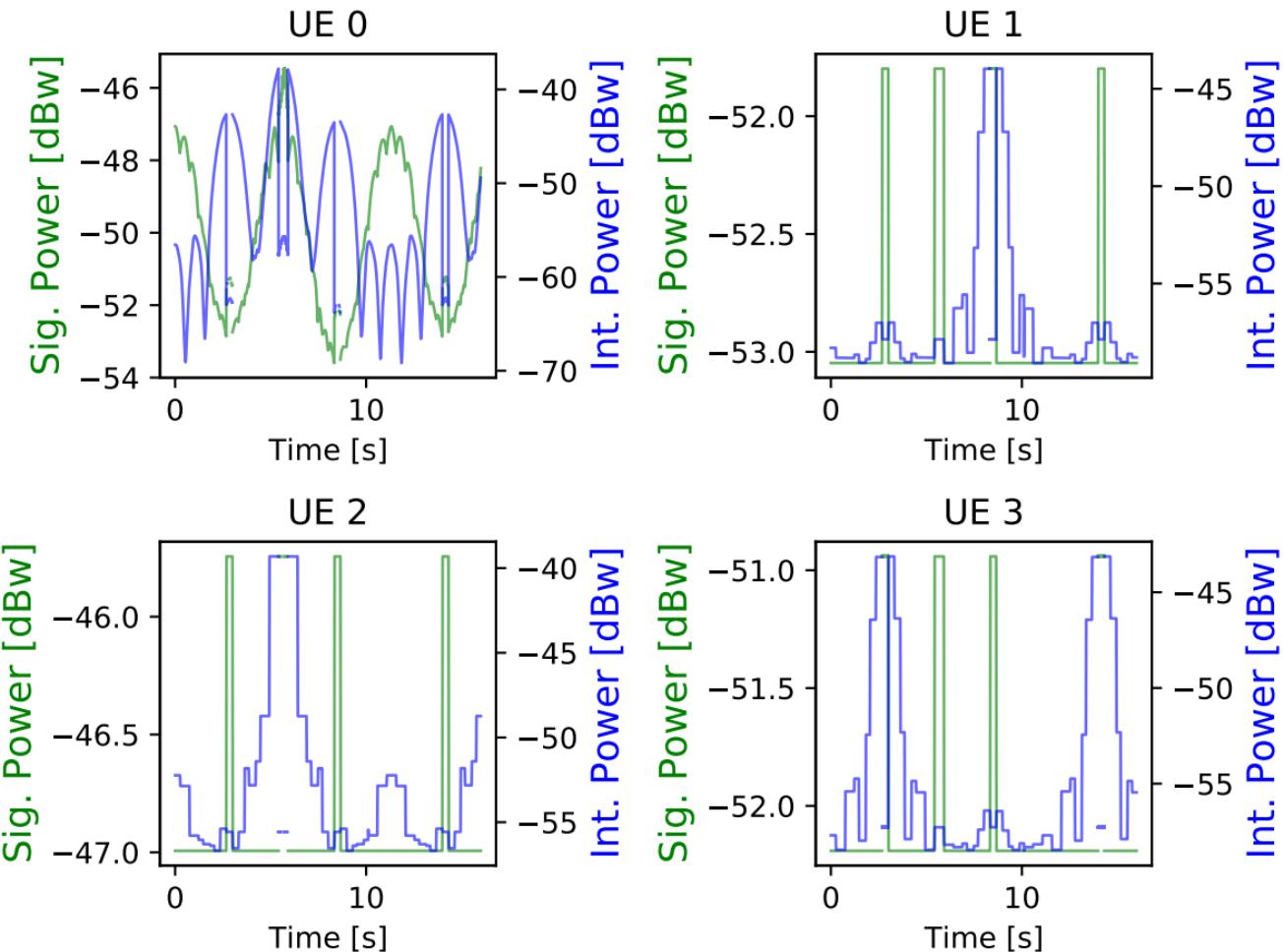


UE 2

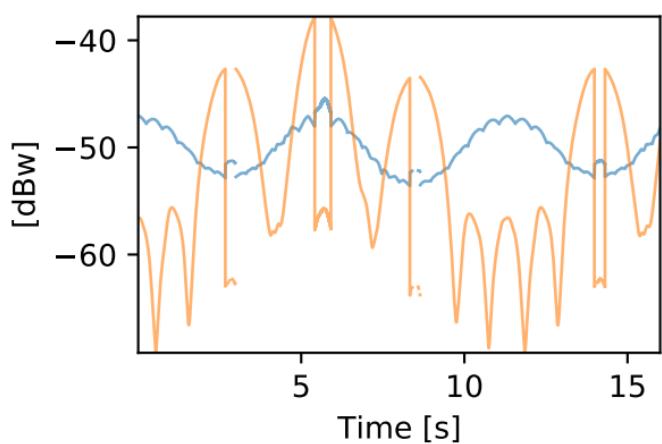


UE 3

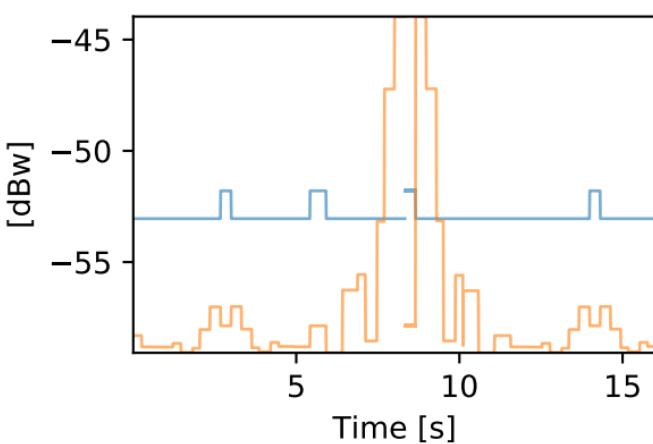




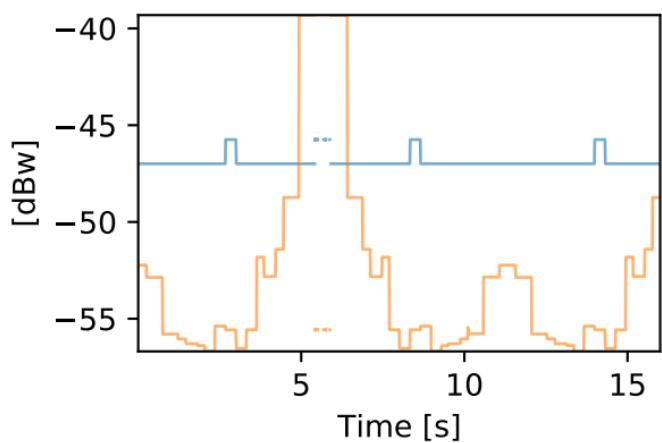
UE 0



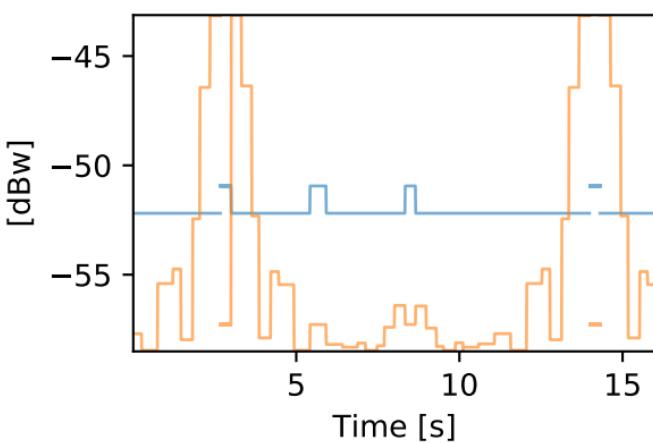
UE 1

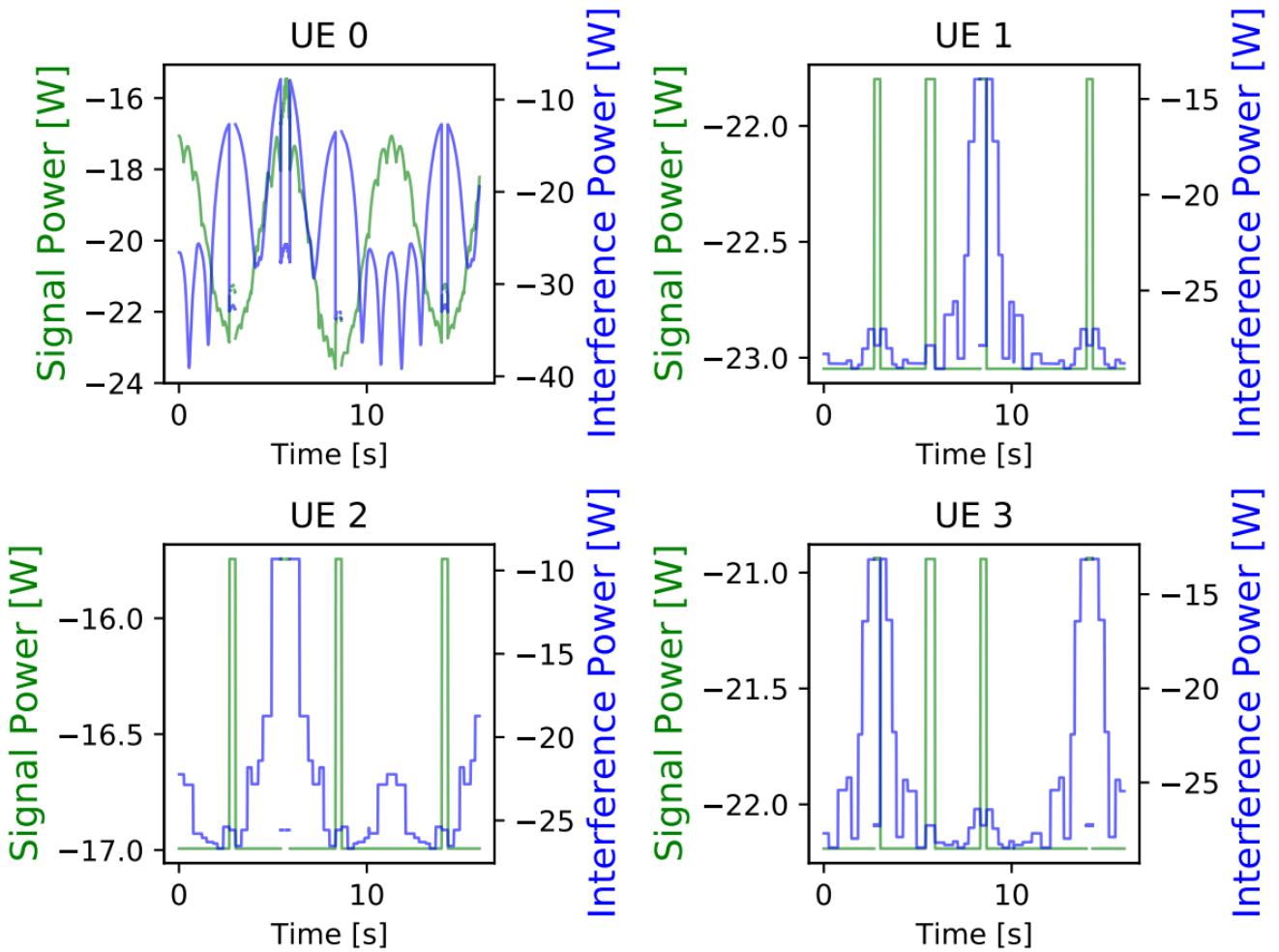


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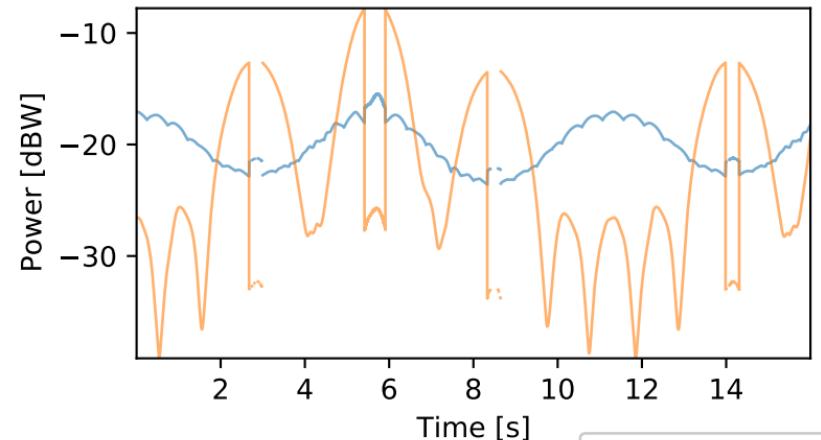


UE 3

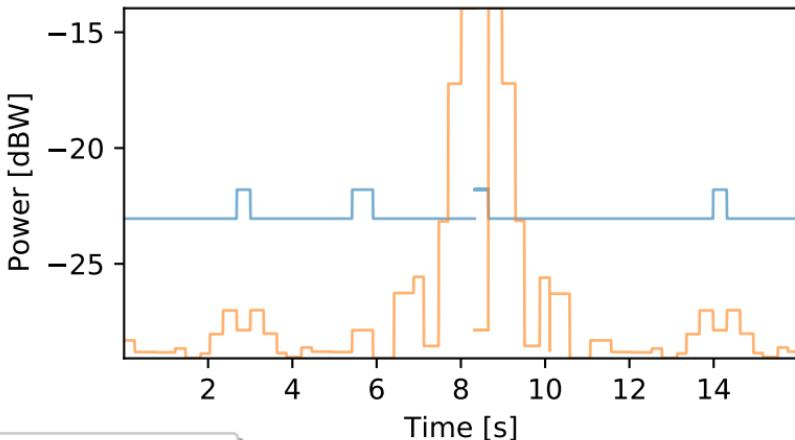




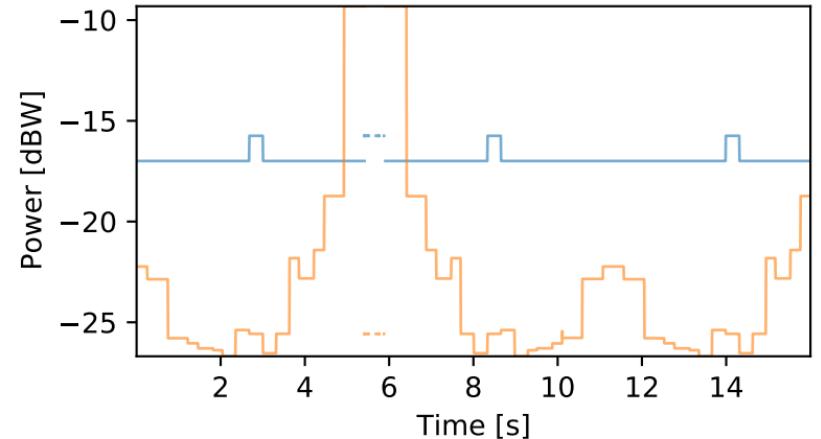
UE 0



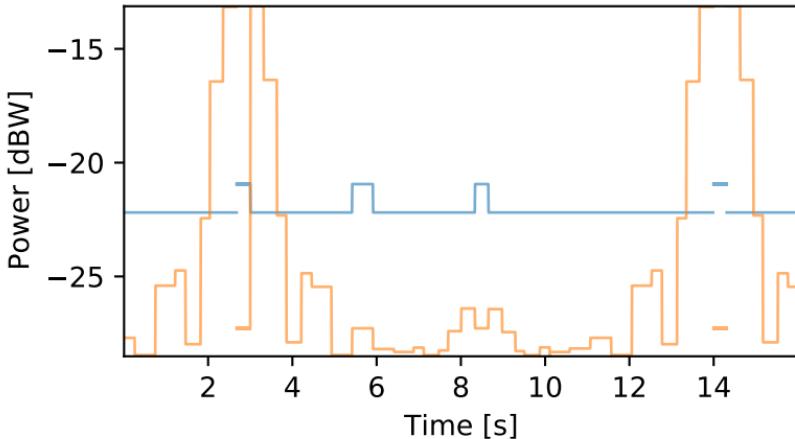
UE 1



UE 2



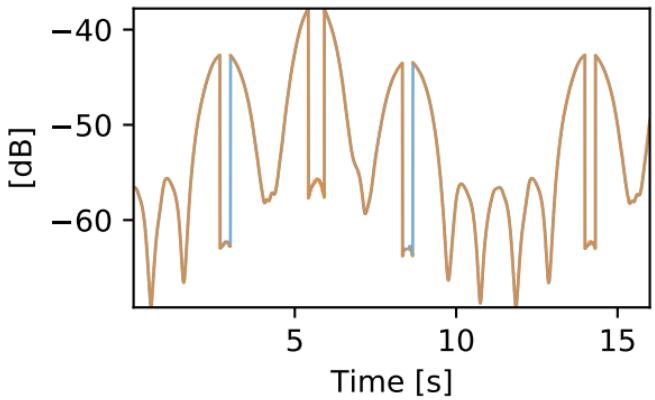
UE 3



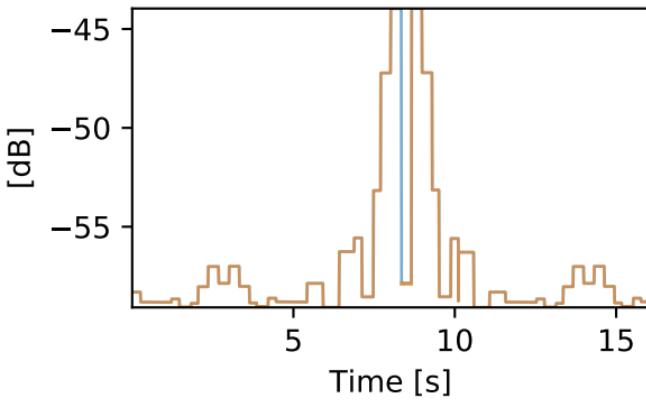
— Signal — Interference

## Estimated vs real interference

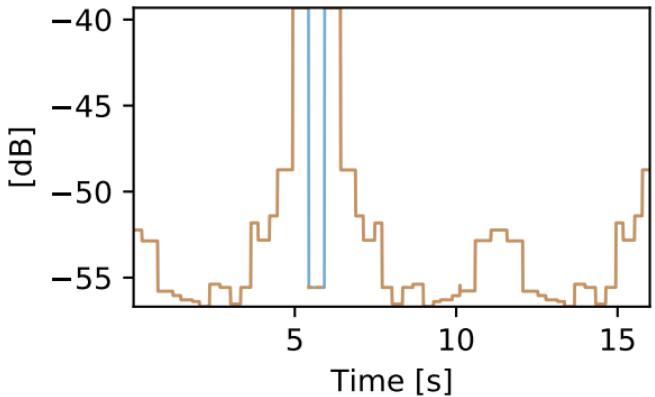
UE 0



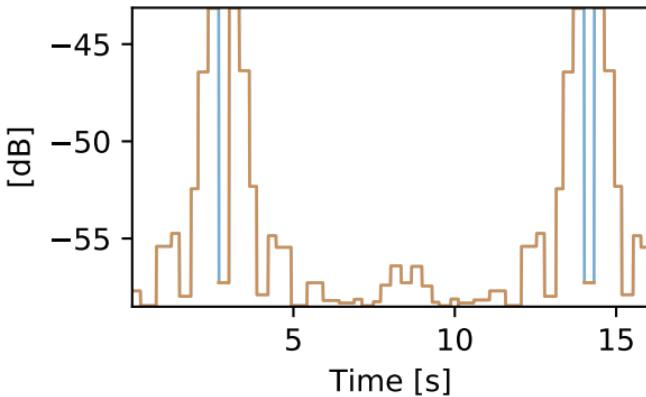
UE 1



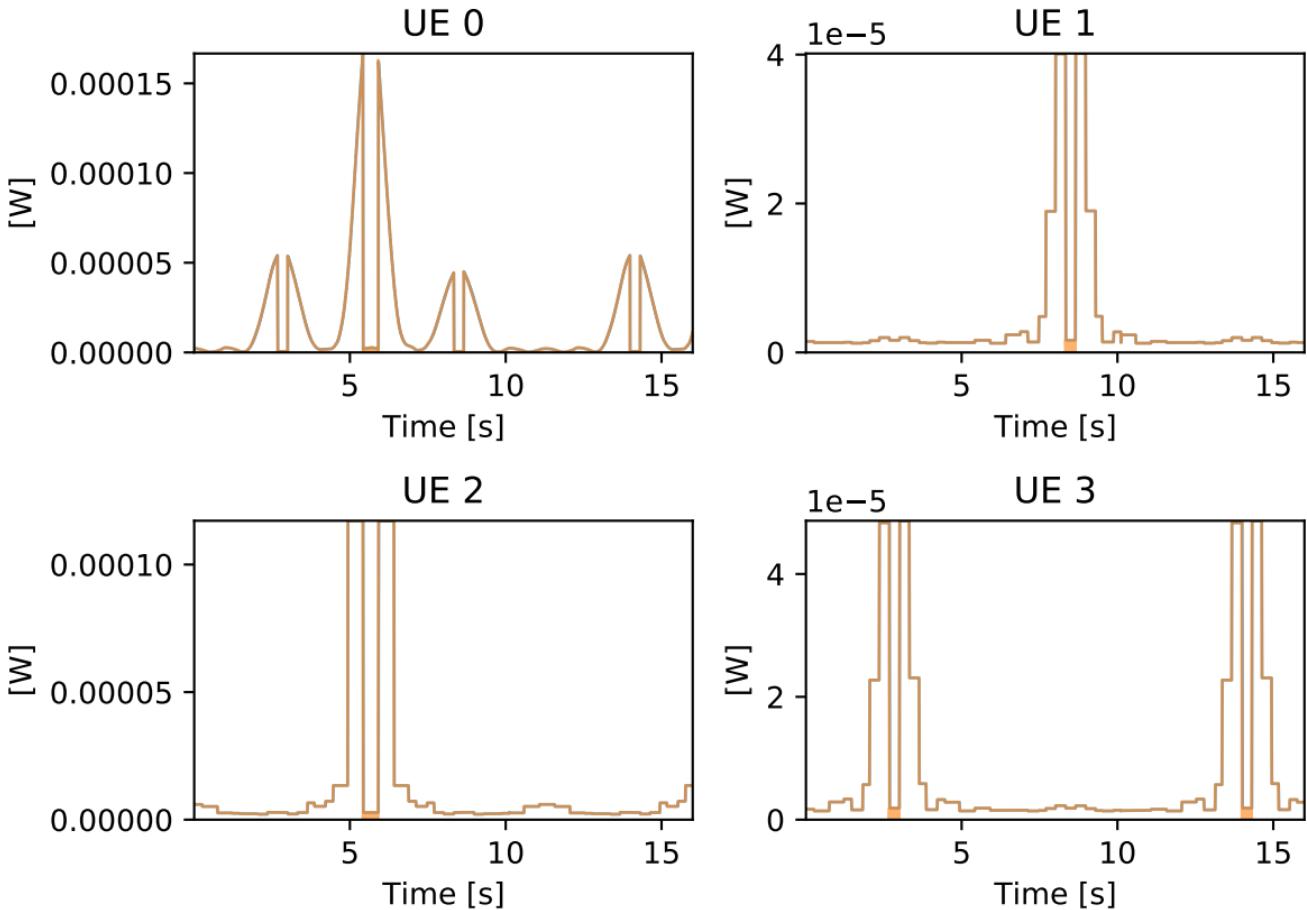
UE 2



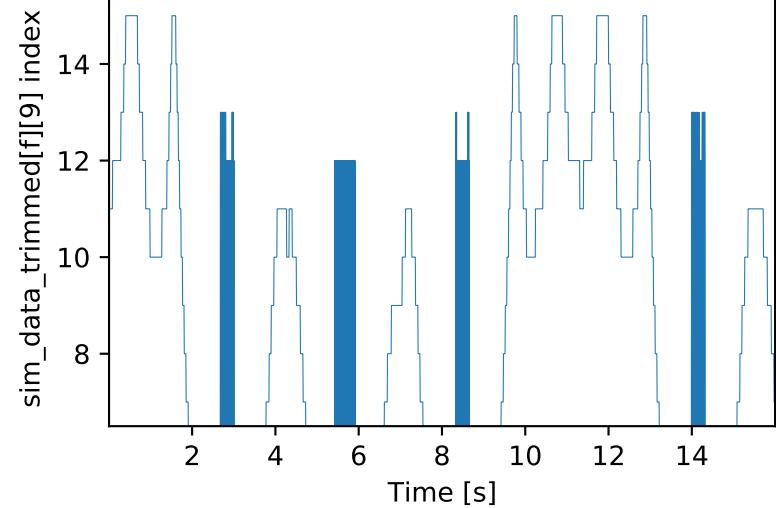
UE 3



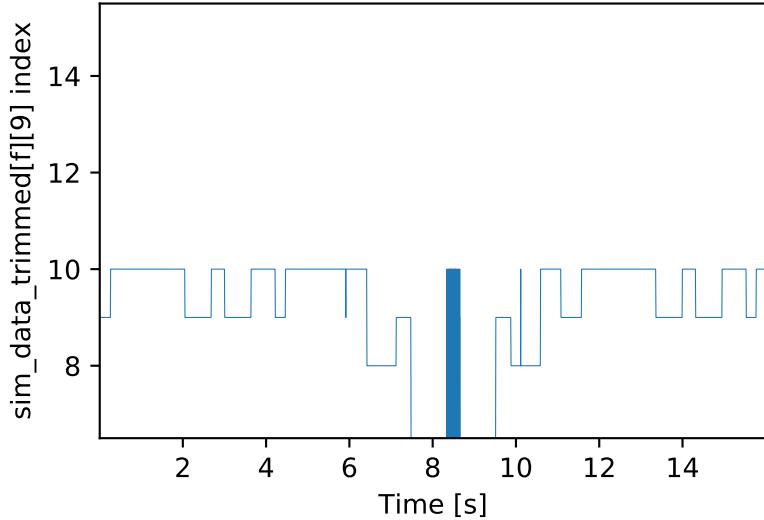
## Estimated vs real interference



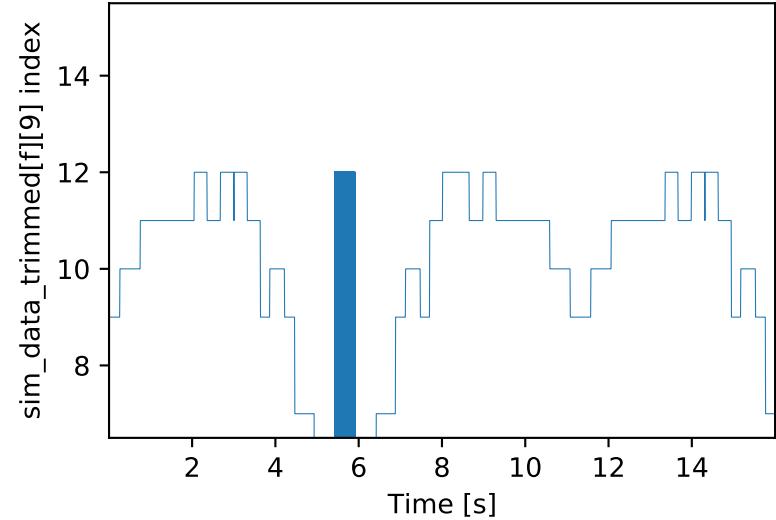
UE 0



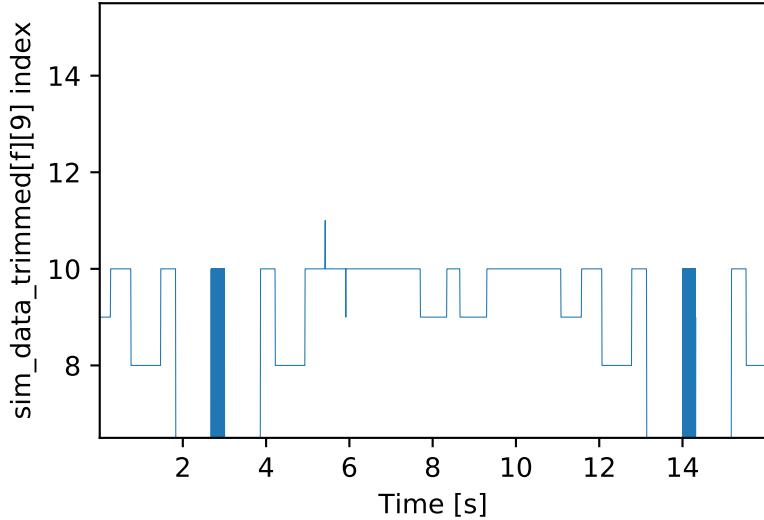
UE 1

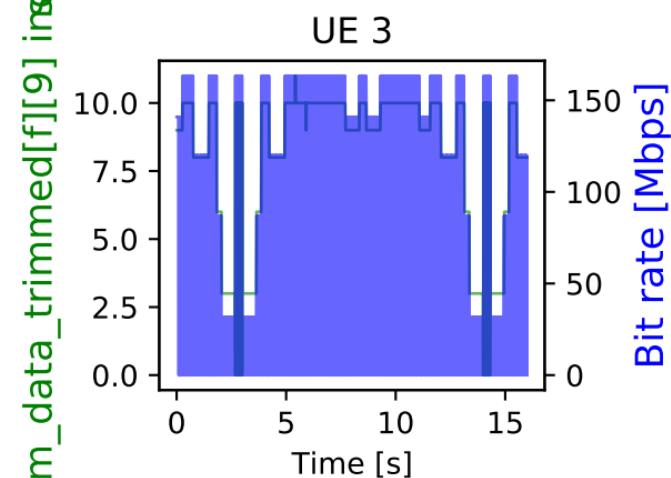
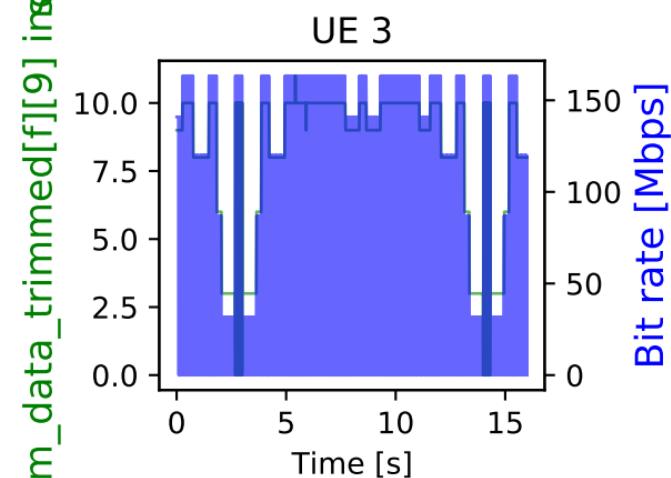
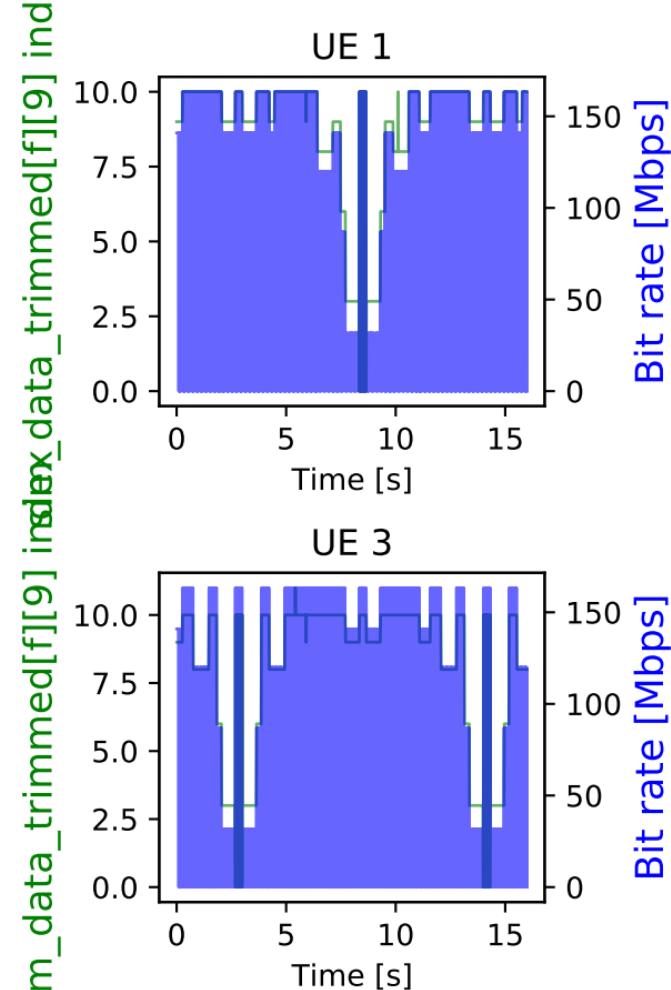
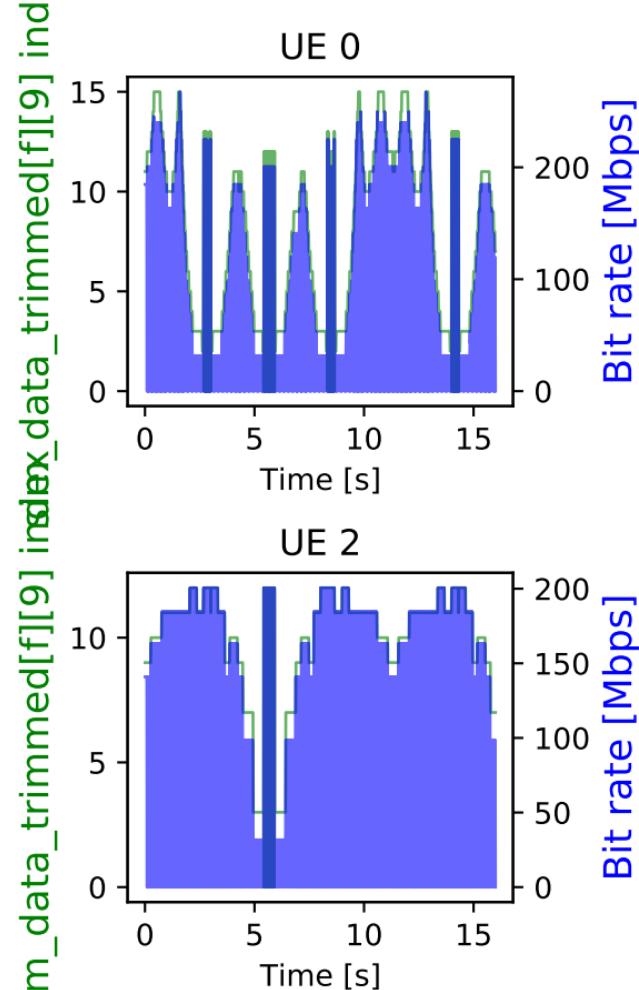


UE 2



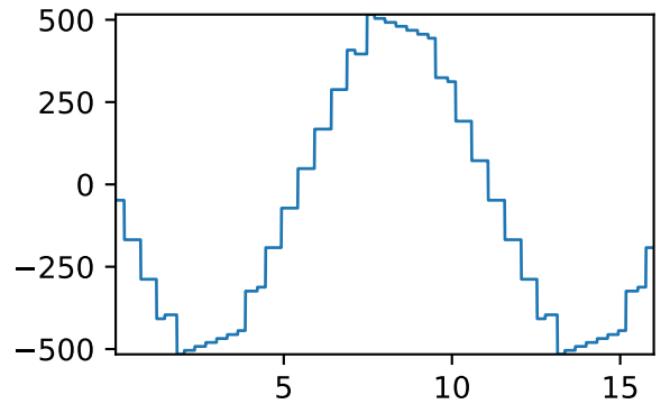
UE 3



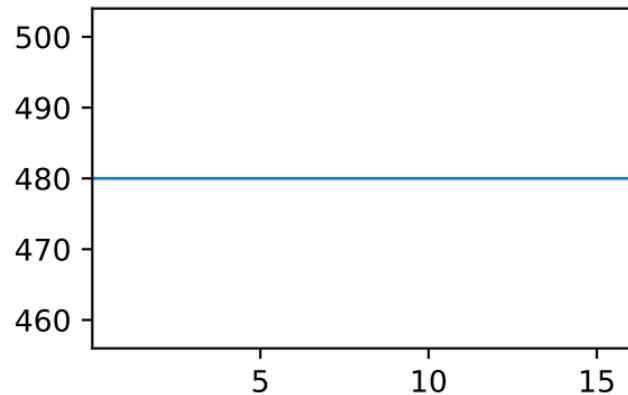


Formula: azi + ele x 10

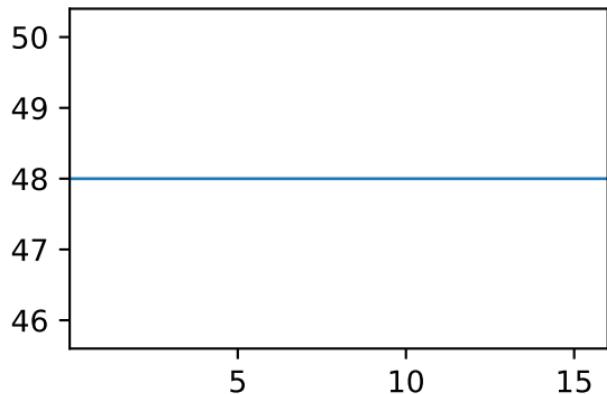
UE 0



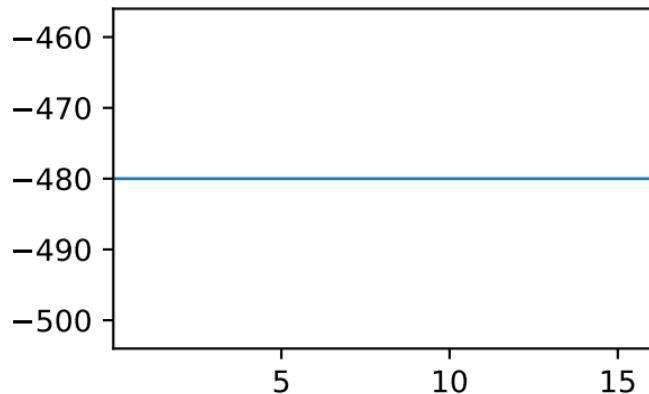
UE 1



UE 2

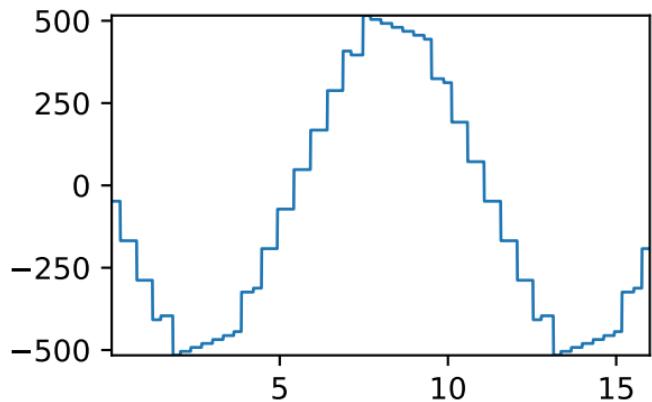


UE 3

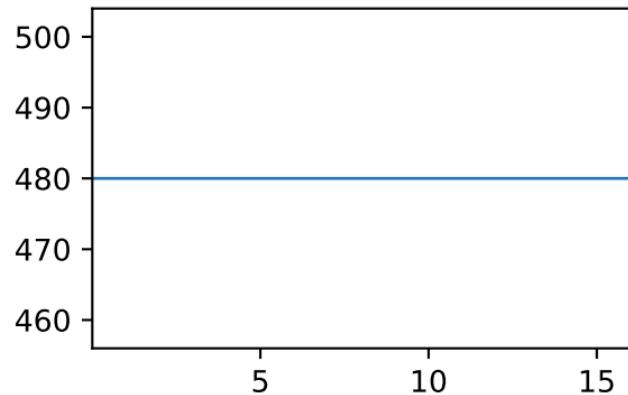


Formula: azi + ele x 10

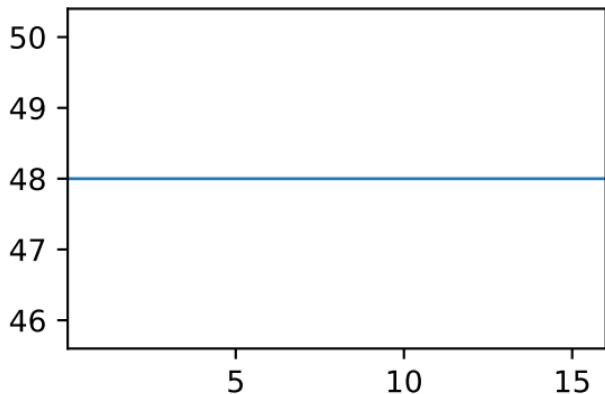
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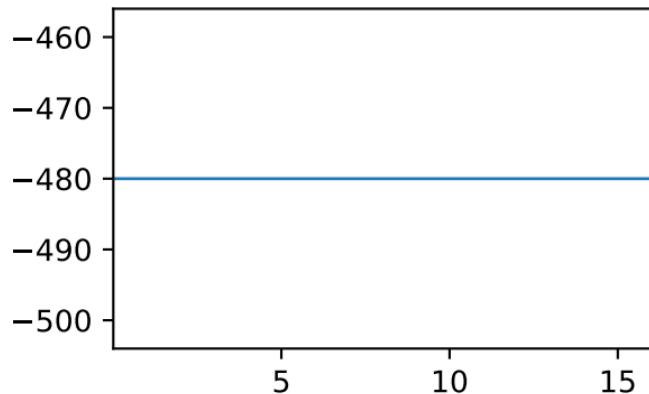
UE 1

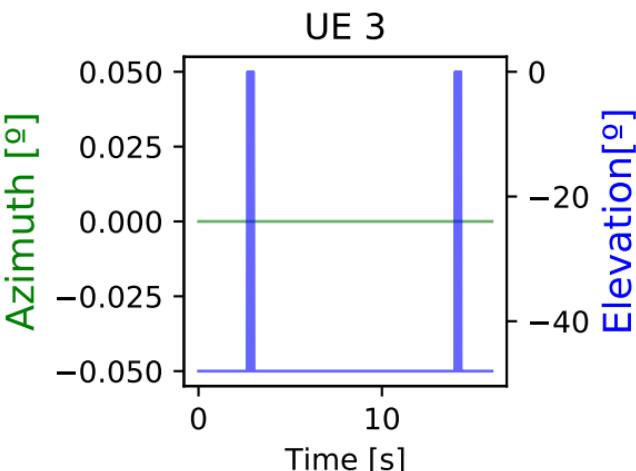
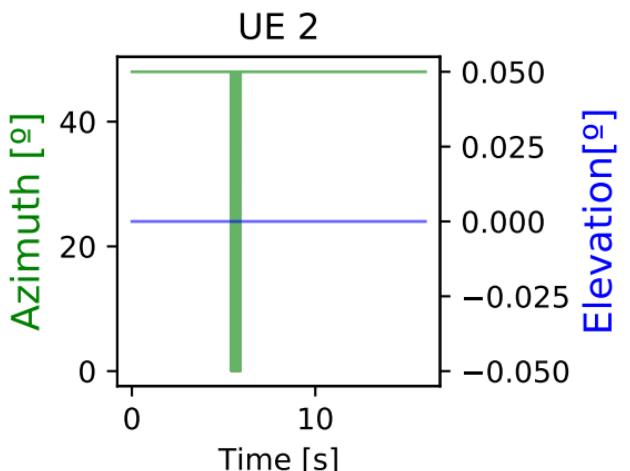
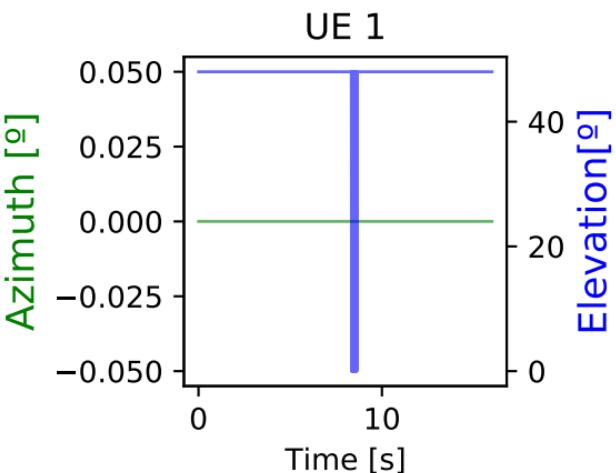
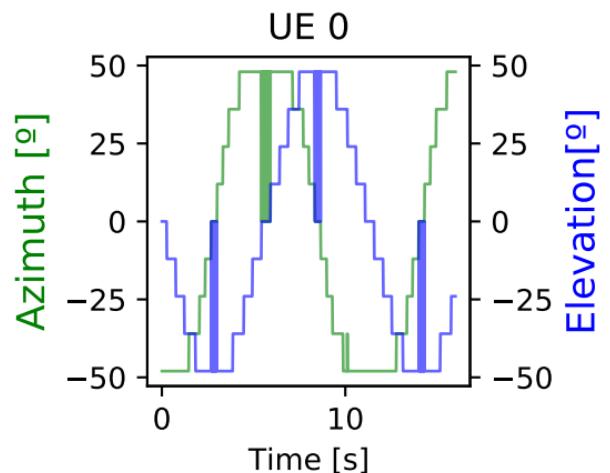


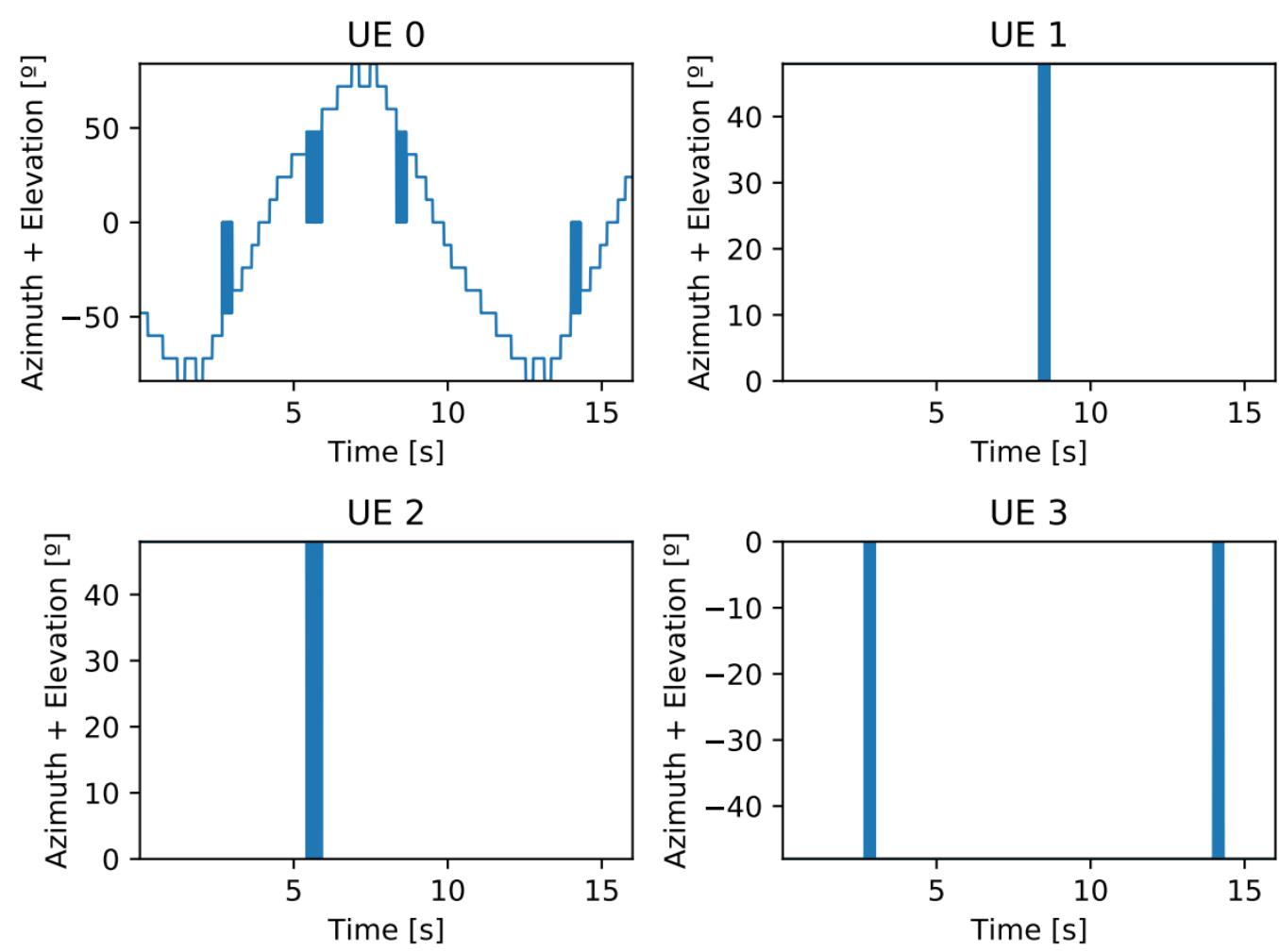
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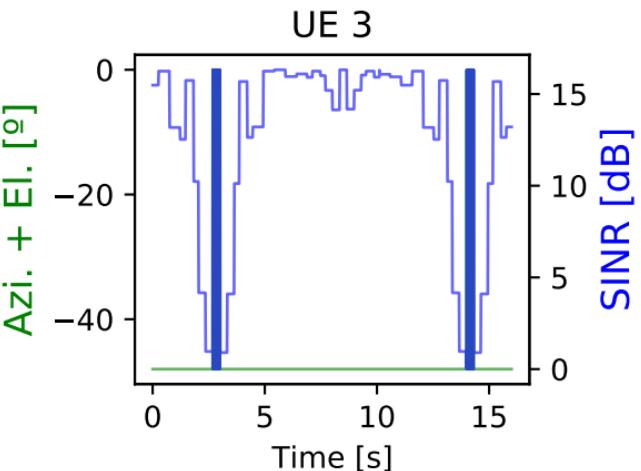
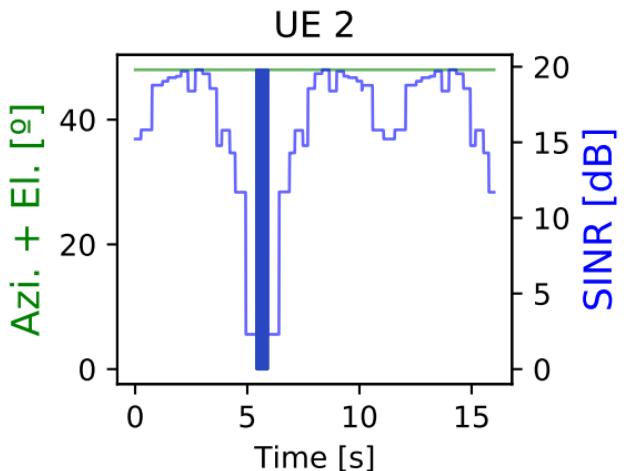
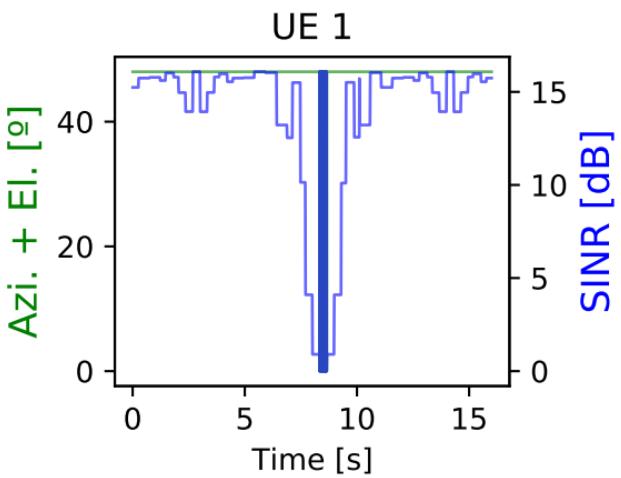
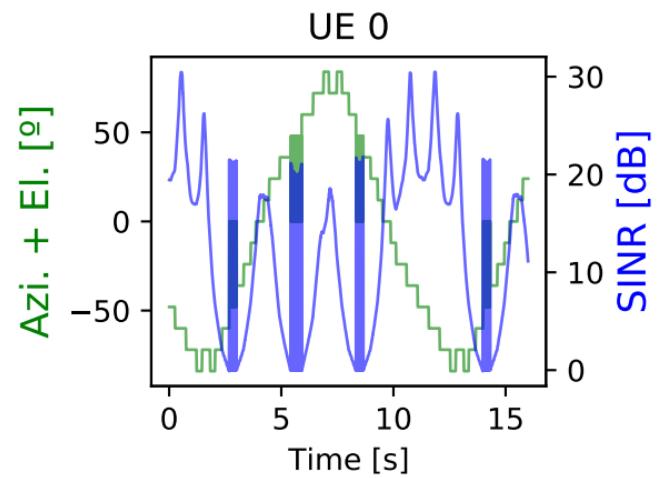


UE 3

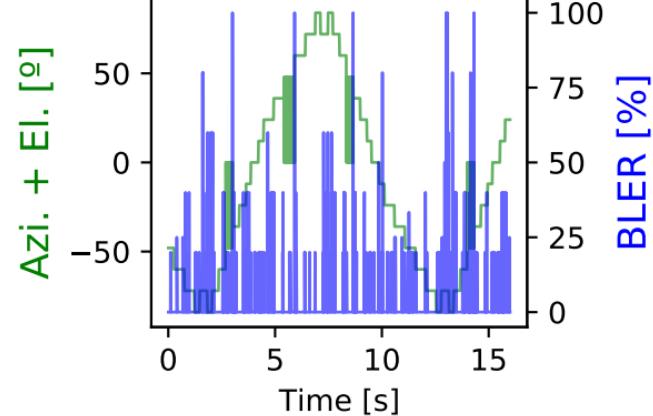




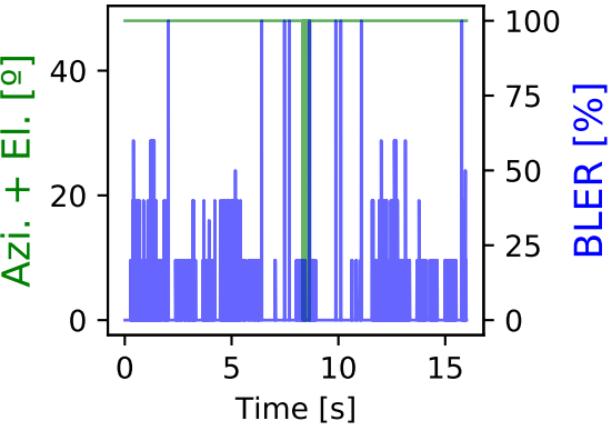




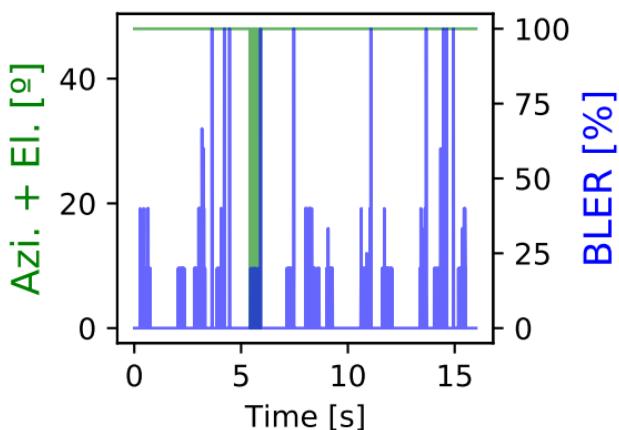
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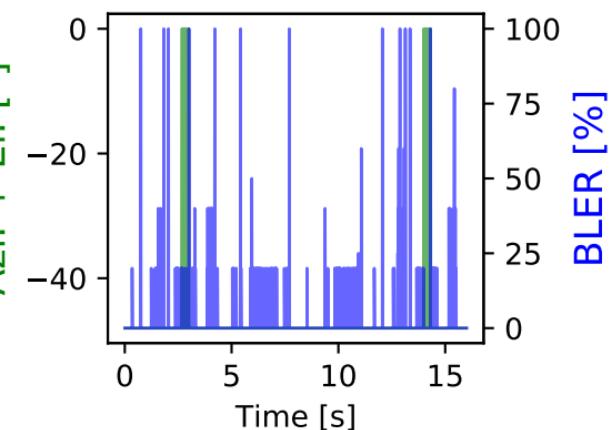
UE 1



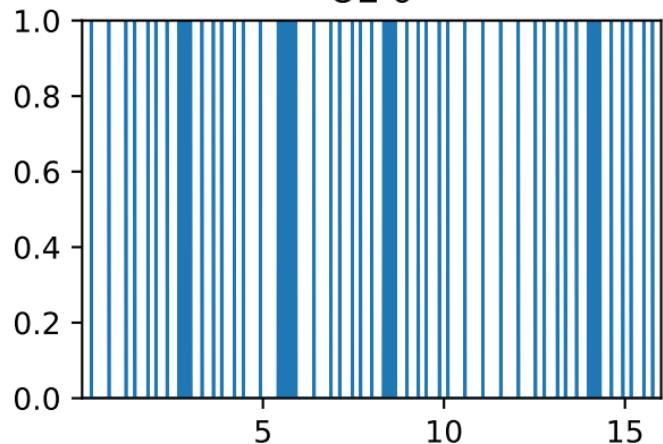
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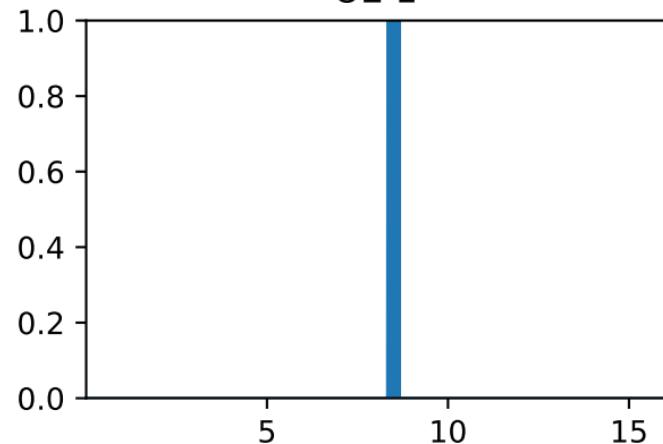
UE 3



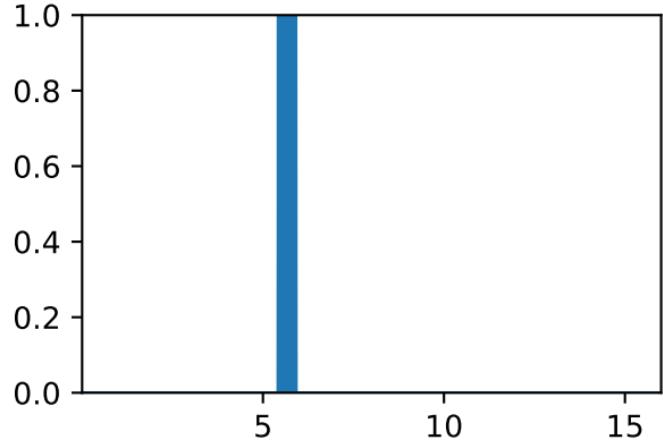
UE 0



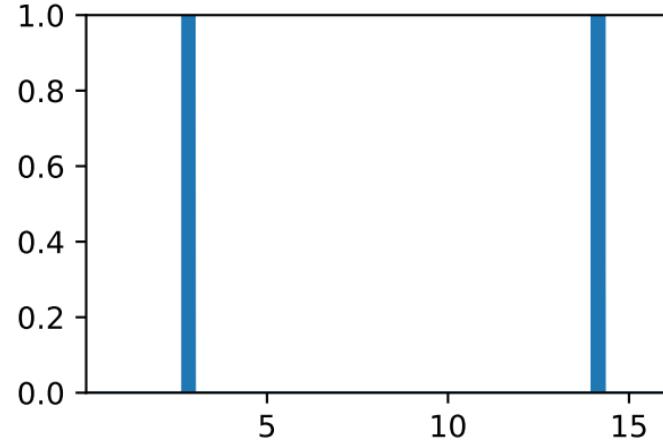
UE 1



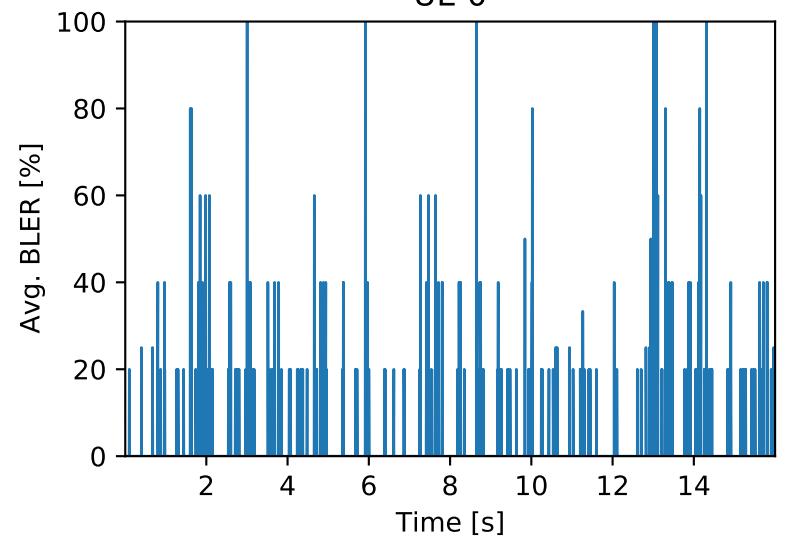
UE 2



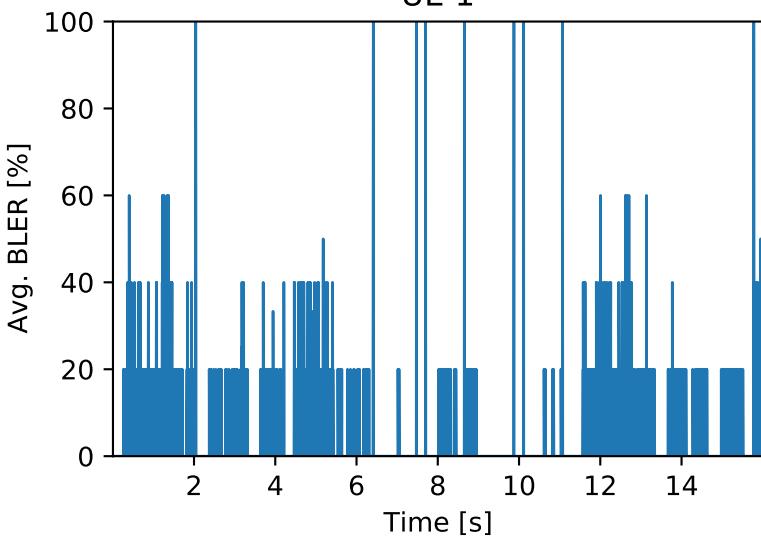
UE 3



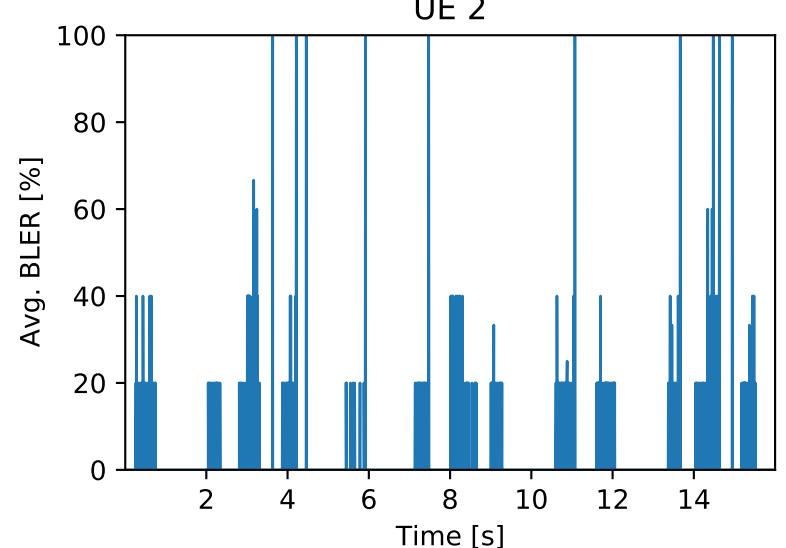
UE 0



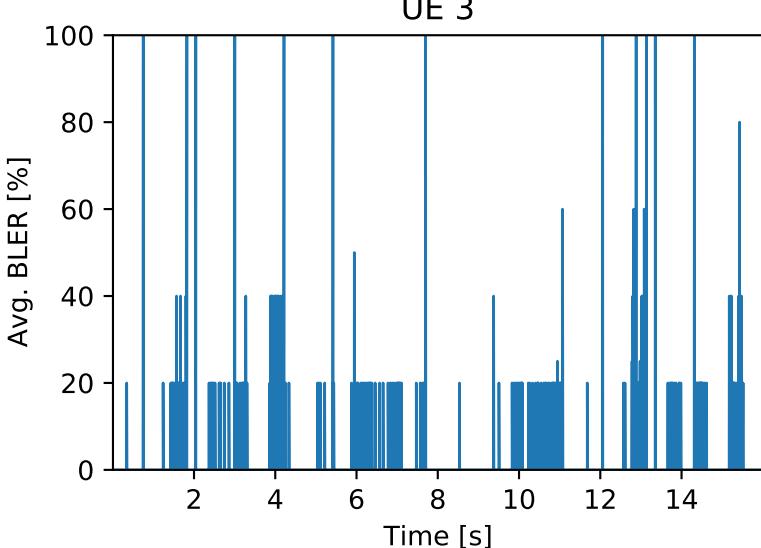
UE 1

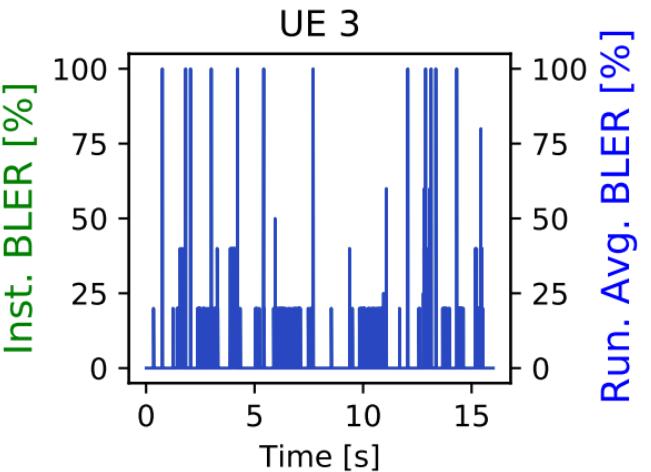
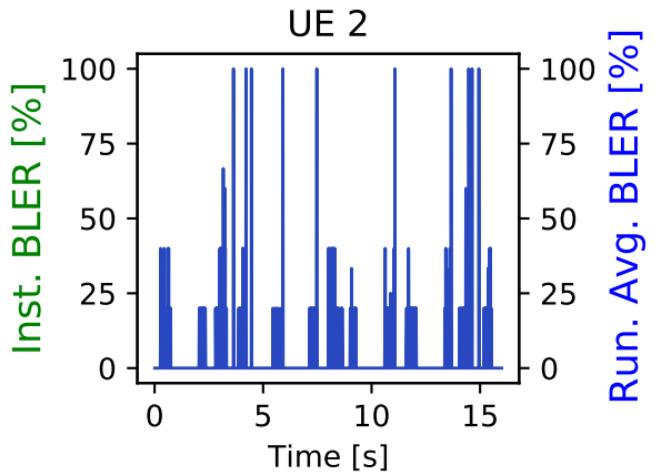
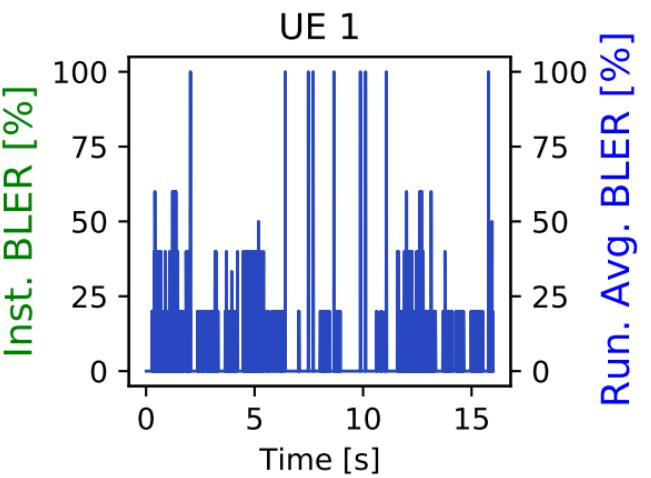
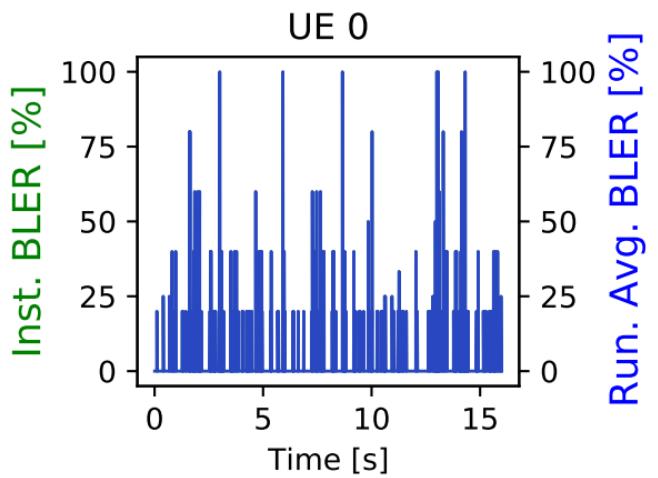


UE 2



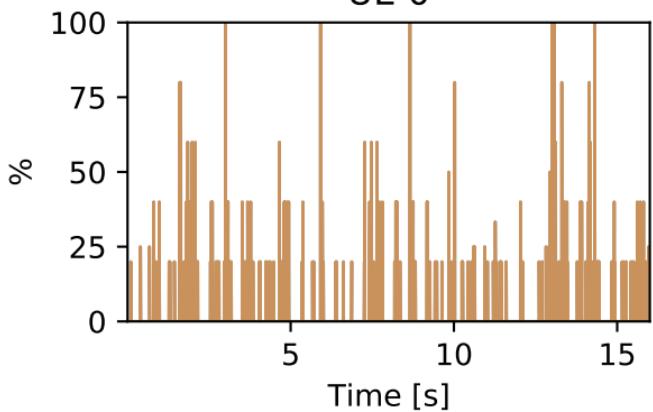
UE 3



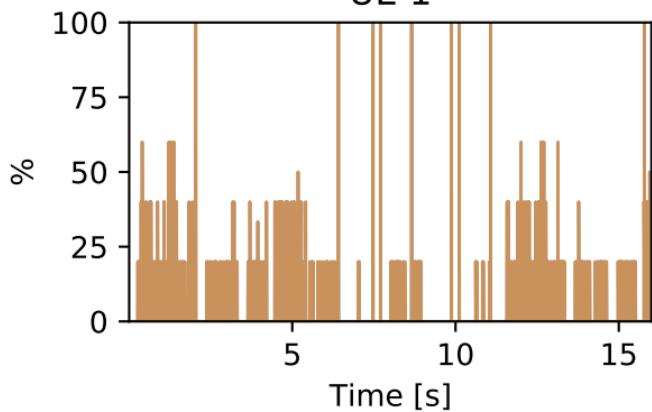


# Running average of BLER

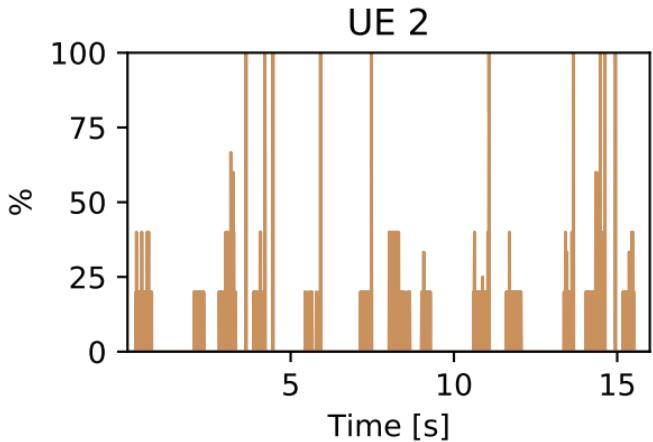
UE 0



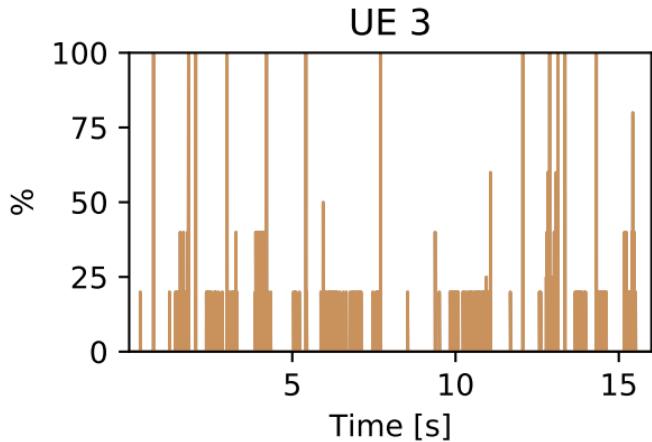
UE 1



UE 2

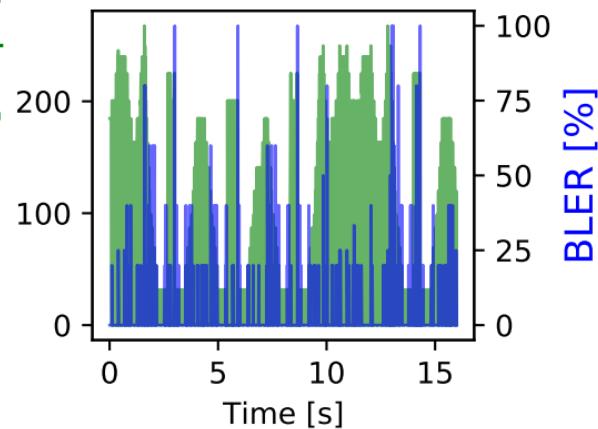


UE 3



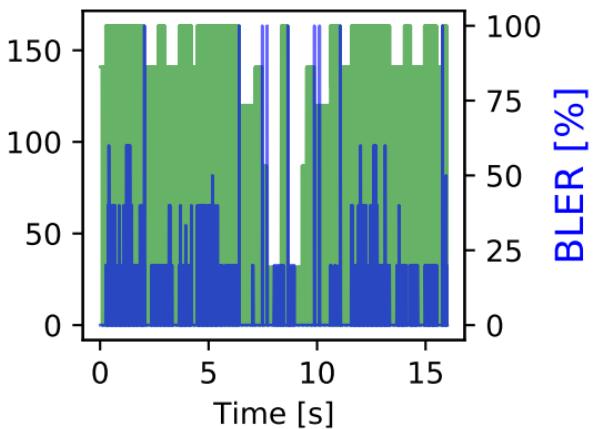
Inst. bitrate [Mbps]

UE 0



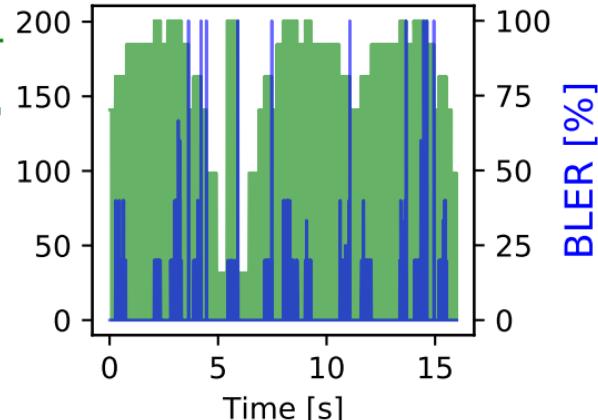
Inst. bitrate [Mbps]

UE 1



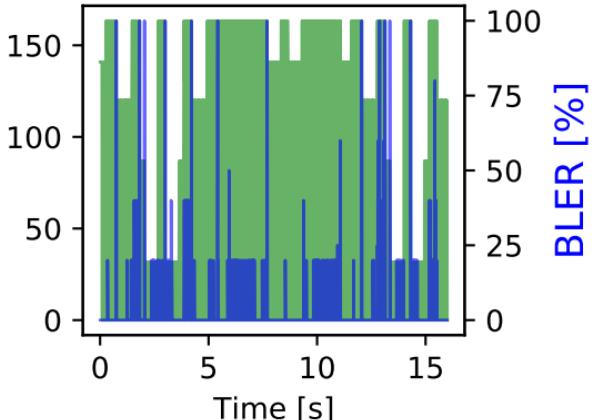
Inst. bitrate [Mbps]

UE 2

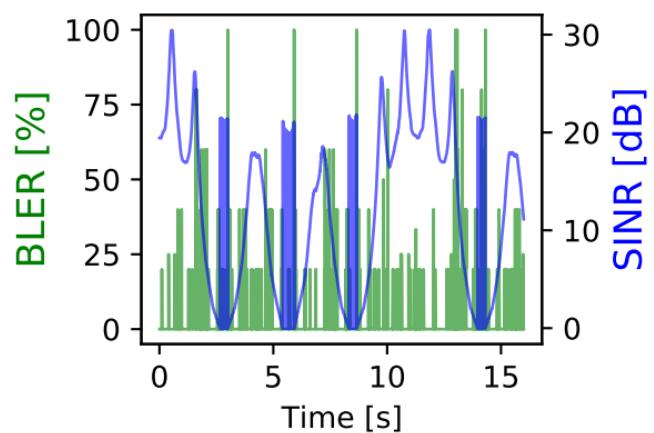


Inst. bitrate [Mbps]

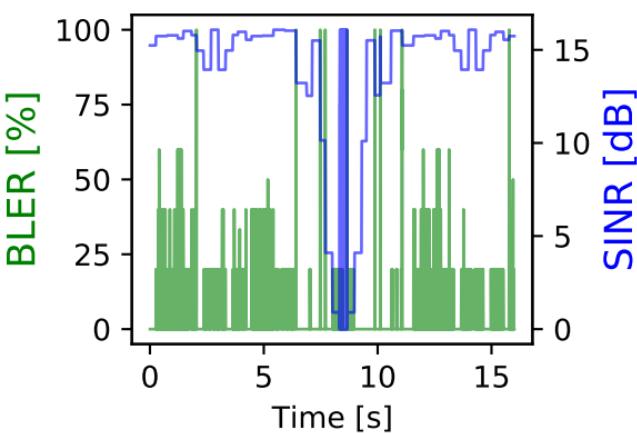
UE 3



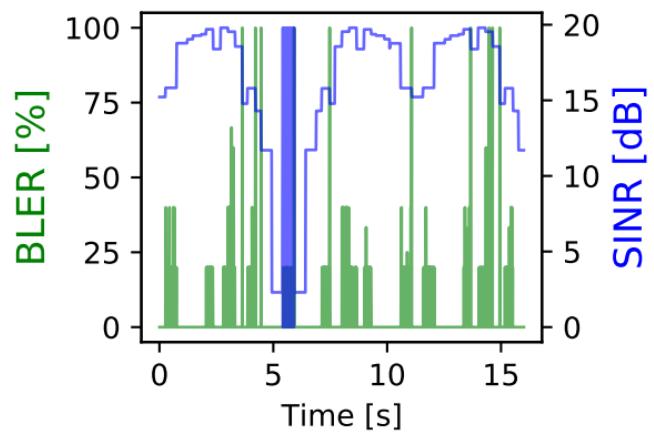
UE 0



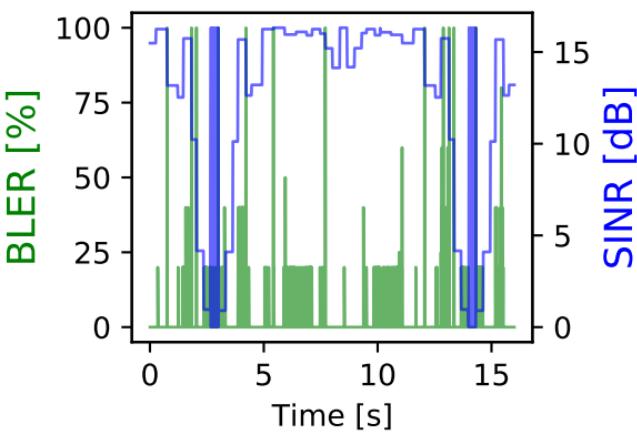
UE 1



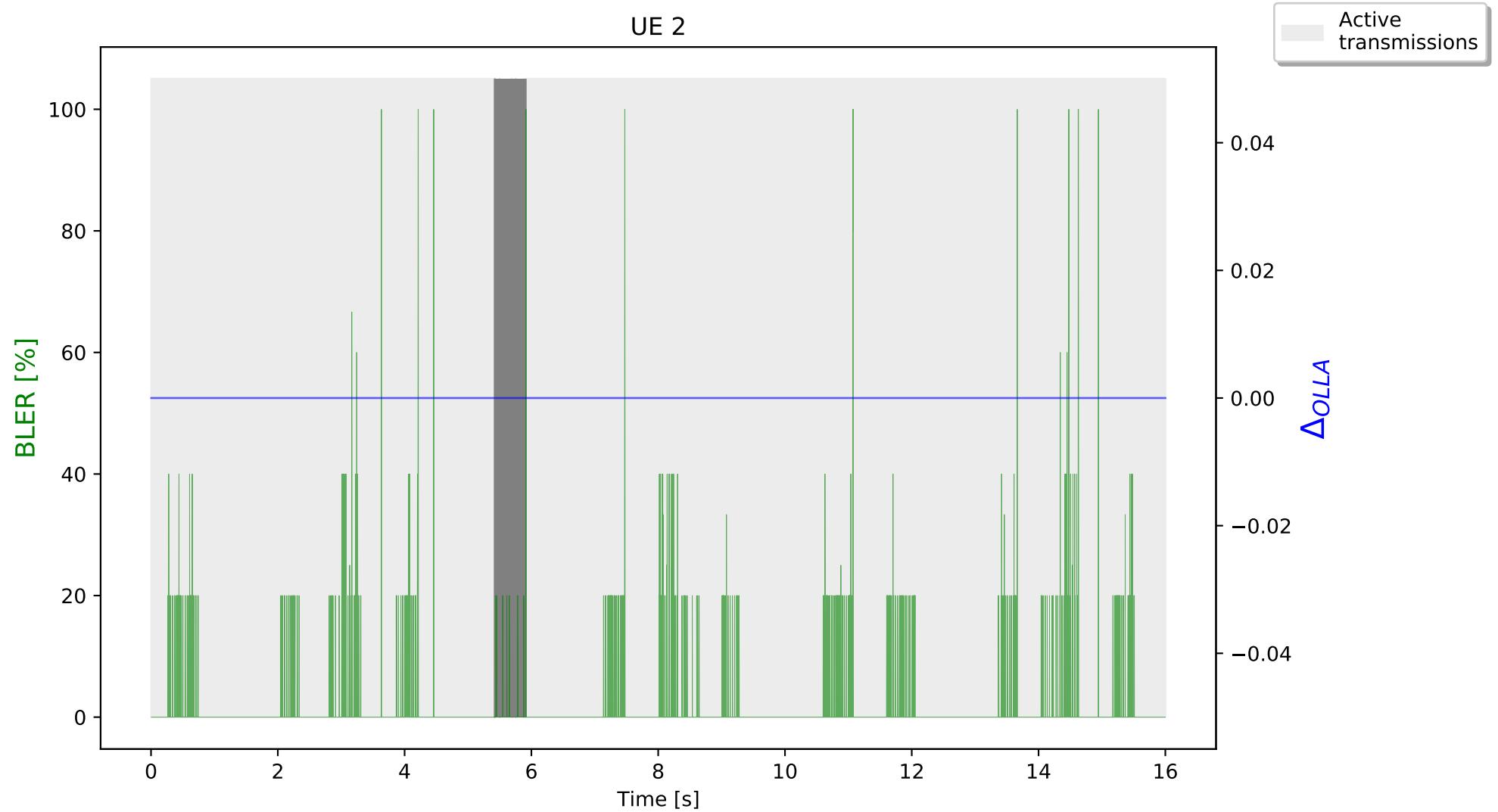
UE 2



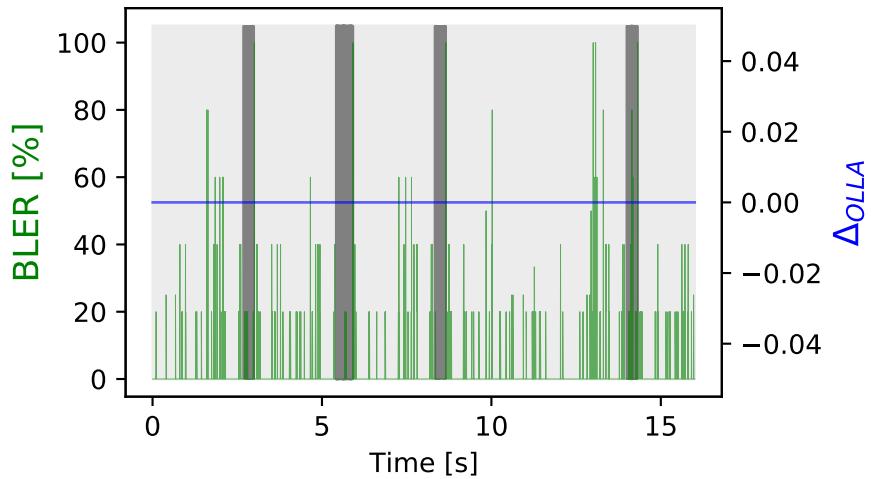
UE 3



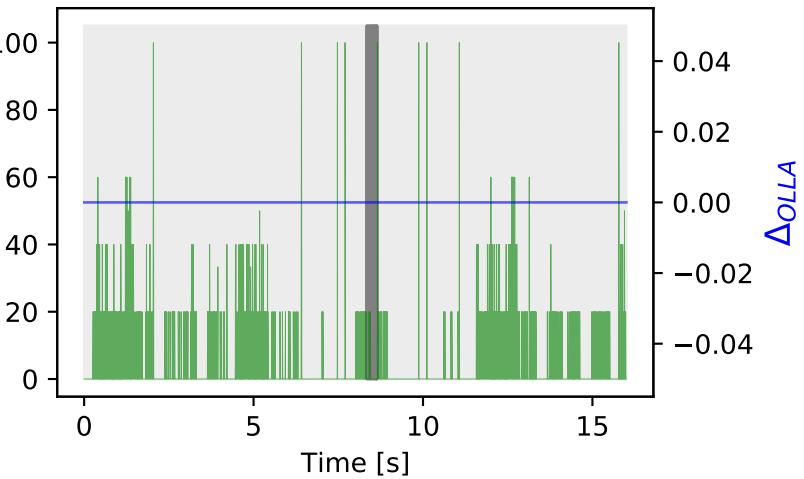
UE 2



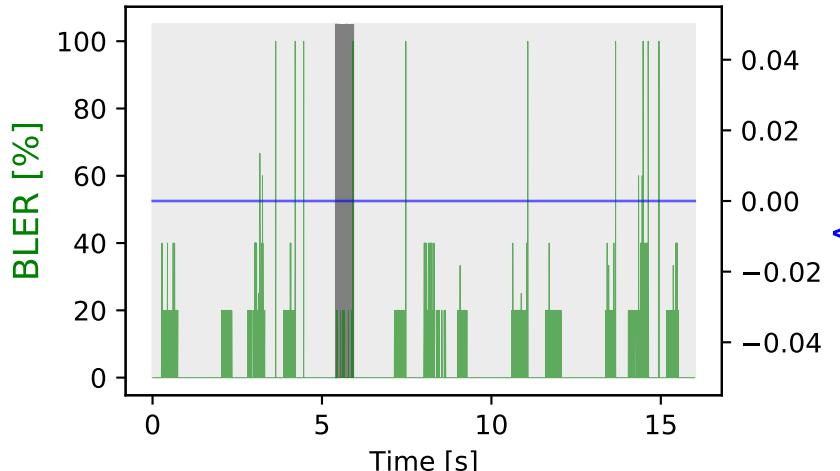
UE 0



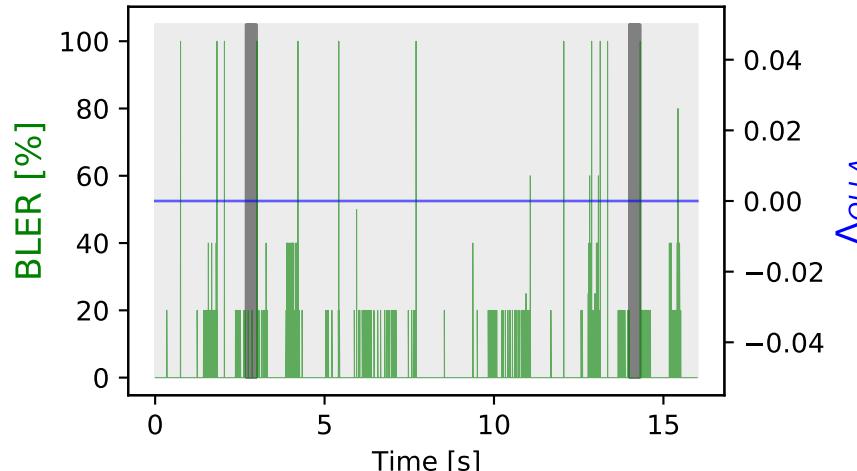
UE 1



UE 2



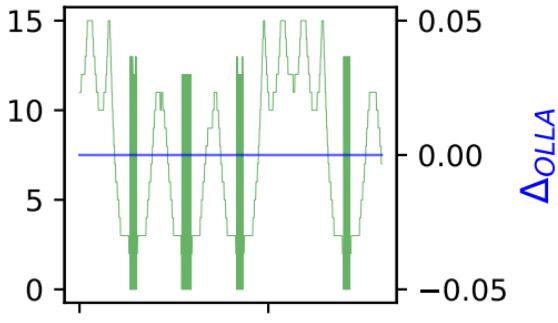
UE 3



# sim\_data\_trimmed[f][9] and OLLA

UE 0

CQI IDX

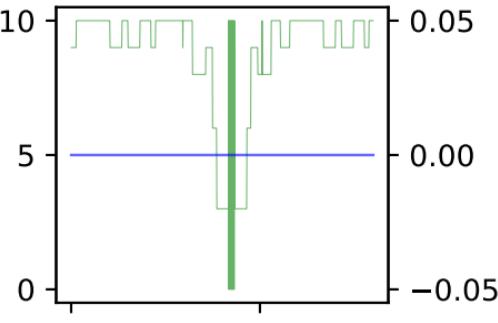


Time [s]

$\Delta_{OLLA}$

UE 1

CQI IDX

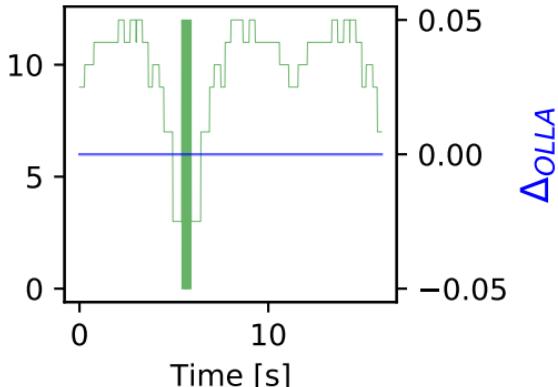


Time [s]

$\Delta_{OLLA}$

UE 2

CQI IDX

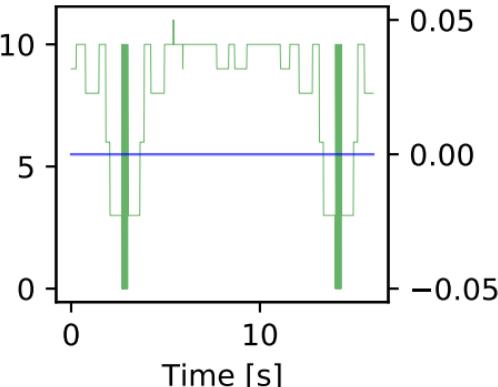


Time [s]

$\Delta_{OLLA}$

UE 3

CQI IDX



Time [s]

$\Delta_{OLLA}$

# sim\_data\_trimmed[f][9] and OLLA

