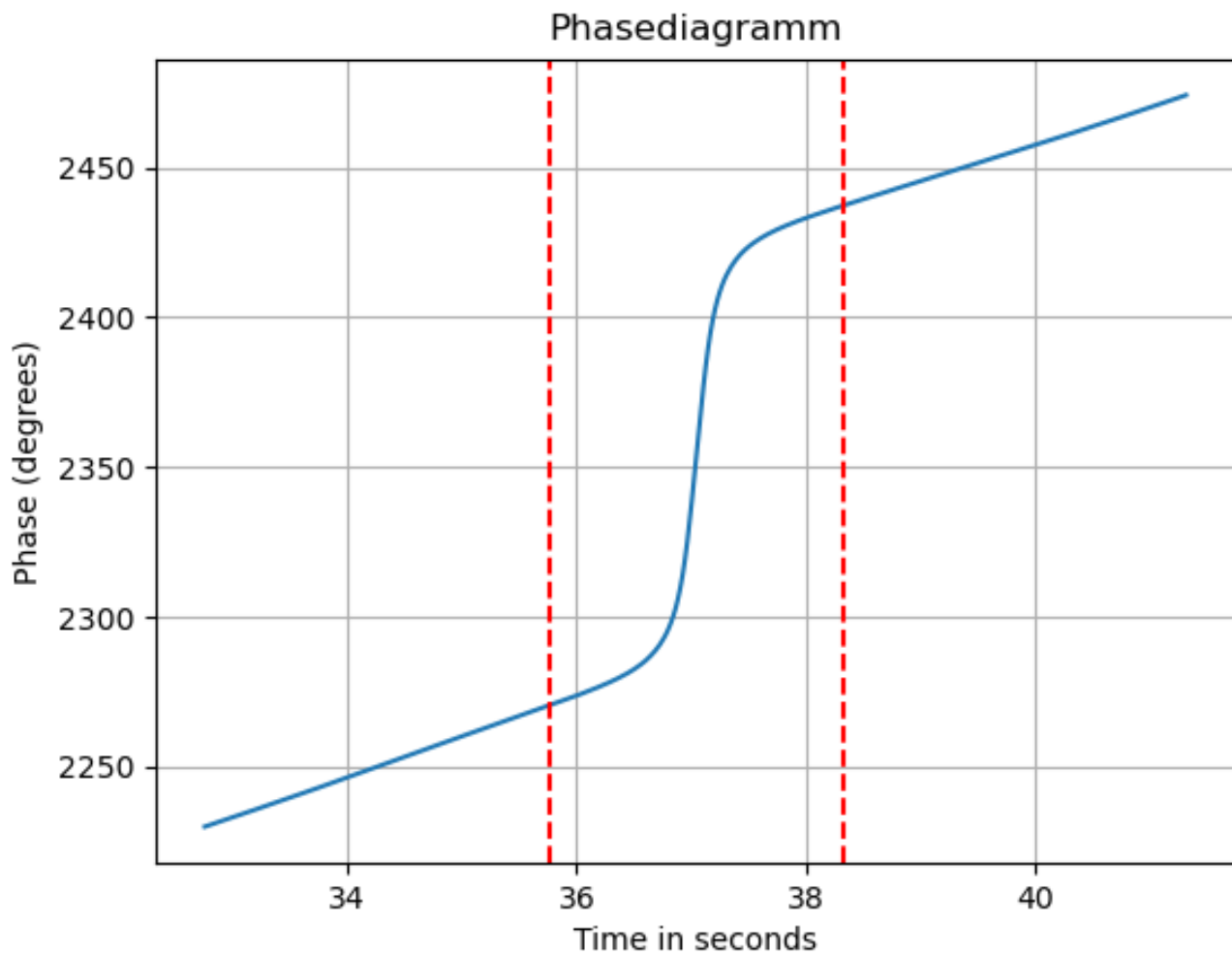


Audio tampering detection via the electrical network frequency

Hilbert phase discontinuity

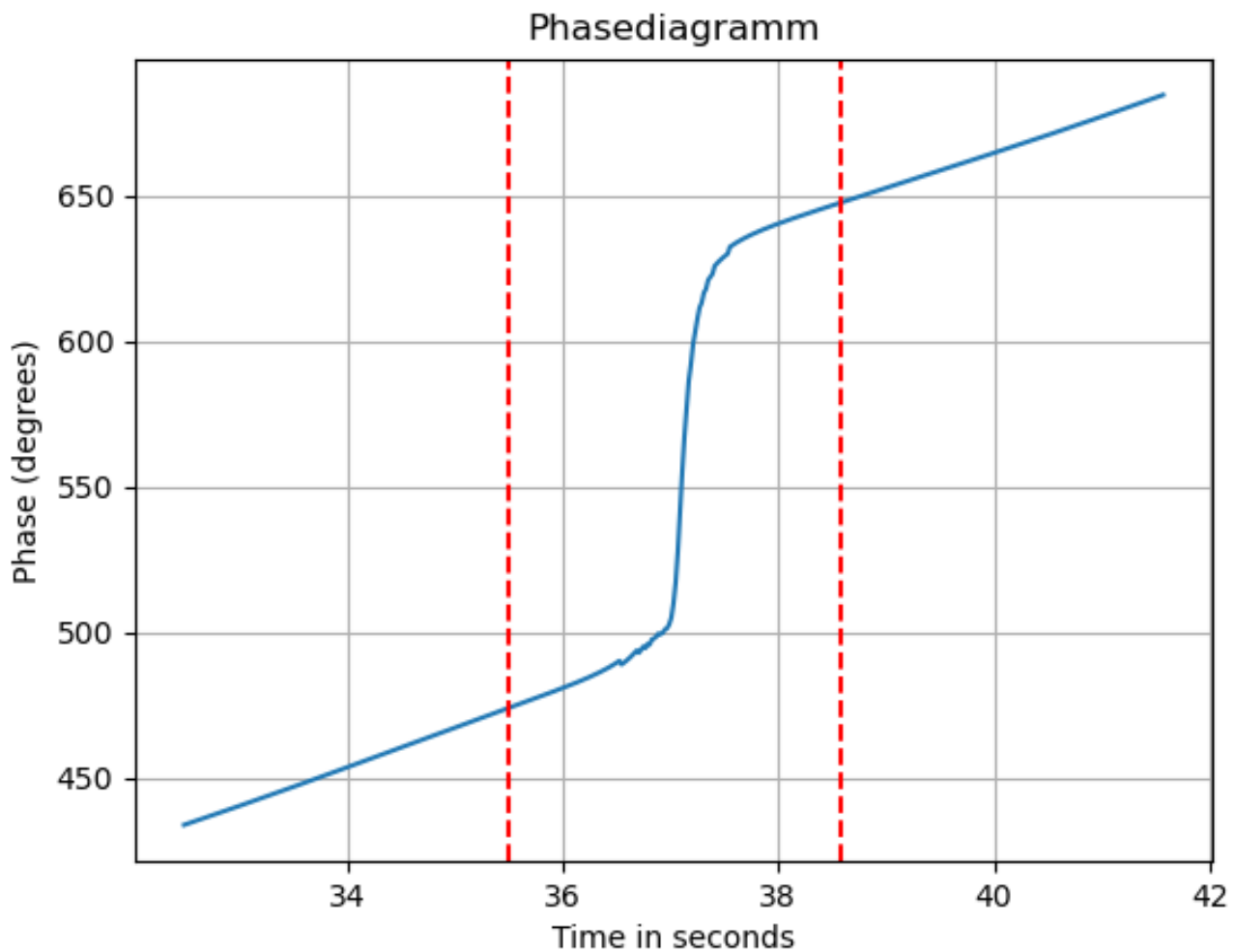


The Plot shows the phase diagram of the input signal in the found zone of interest. The phase is estimated via instantaneous Hilbert phase estimation.

A phase discontinuity is detected.

Audio tampering detection via the electrical network frequency

DFT0 phase discontinuity



The Plot shows the phase diagram of the input signal in the found zone of interest. The phase is estimated via instantaneous DFT0 phase estimation.

A phase discontinuity is detected.