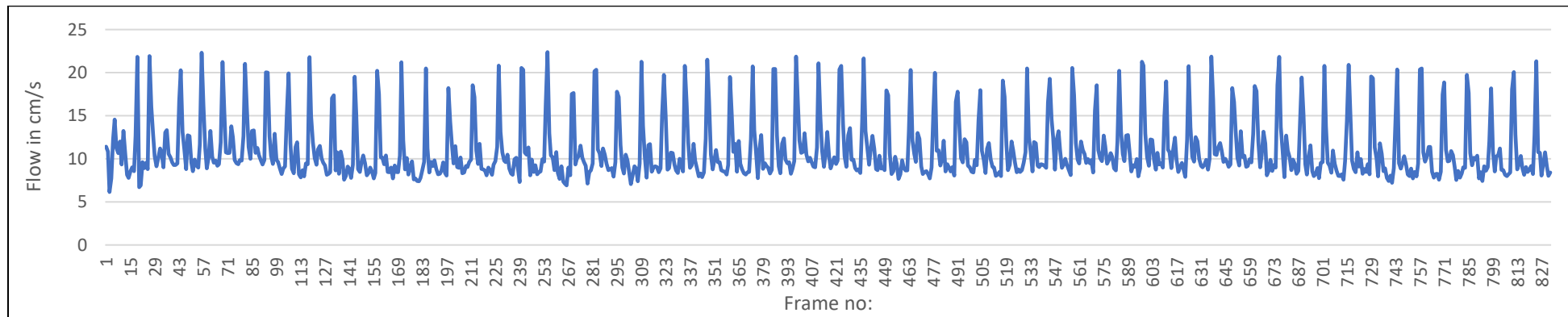
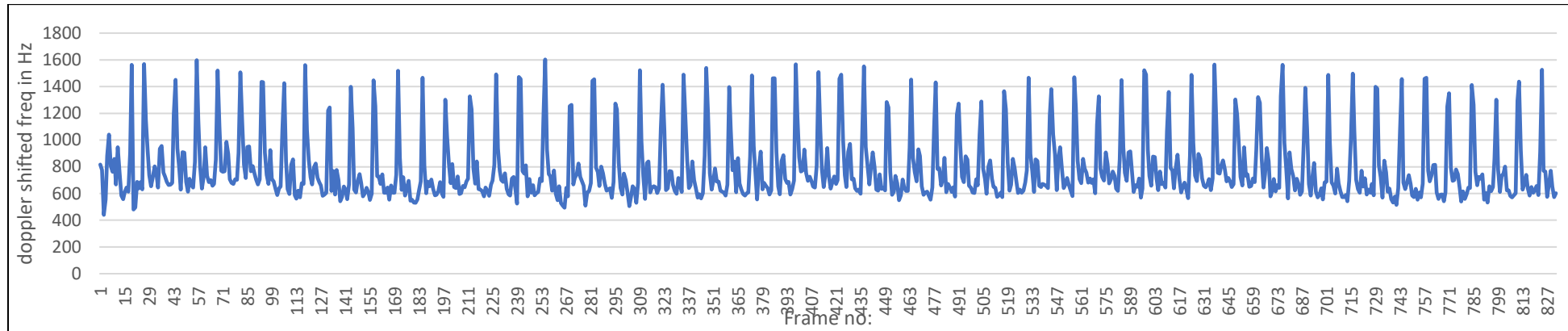
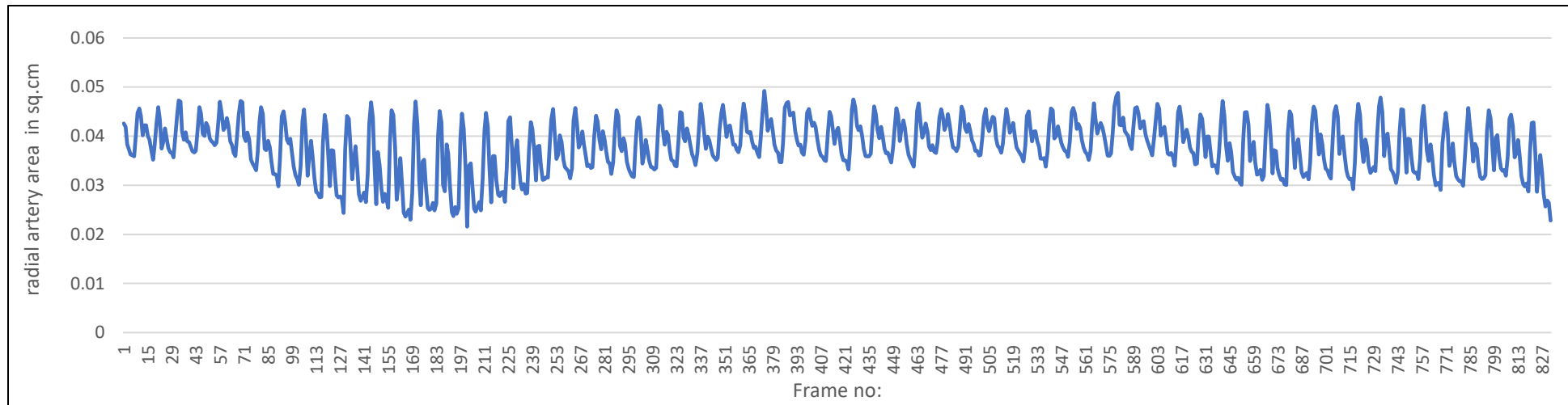


Ultrasound recording of radial artery blood flow from a normal subject

1. Data collected on CMCdaq:
 - 1.1. Video at 30fps (externally mounted camera).
 - 1.2. Doppler audio at 4KHz (external mic).
2. Frame-by-frame calculation of flow-velocity in cm/s from recorded doppler audio signal:



3. Frame-by-frame calculation of area of cross-section of radial artery from image frames from the video recorded using CMCdaq:



4. Volume flow calculated in cm^3/s (= area. flow velocity):

