

Supplementary document

Schematic representation of EEG traces recorded from a signal generated by a cortical source with radial orientation that results in a widespread negativity, so that two adjacent electrodes (F3 and C3) are overlying the peak-negativity. A: longitudinal bipolar montage. B: common average montage. Color code for the topographic distribution on the scalp: blue – negative, red – positive potentials.

Note that in the bipolar montage (A) the channel connecting the two electrodes (F3 and C3) within the peak negative area, shows an isoelectric or flat line and the phase reversal is between the channels preceding and following the channel with isoelectric line (Fp1-F3 and C3-P3 respectively)

