

Crosstalk

The data retrieved by some types of A/D board may exhibit **crosstalk**, in which the output from a certain channel will affect those from neighboring channels. By adjusting the scanning clock time interval (t_{clock}) and/or by using not all the channels, the extent of crosstalk can be reduced.

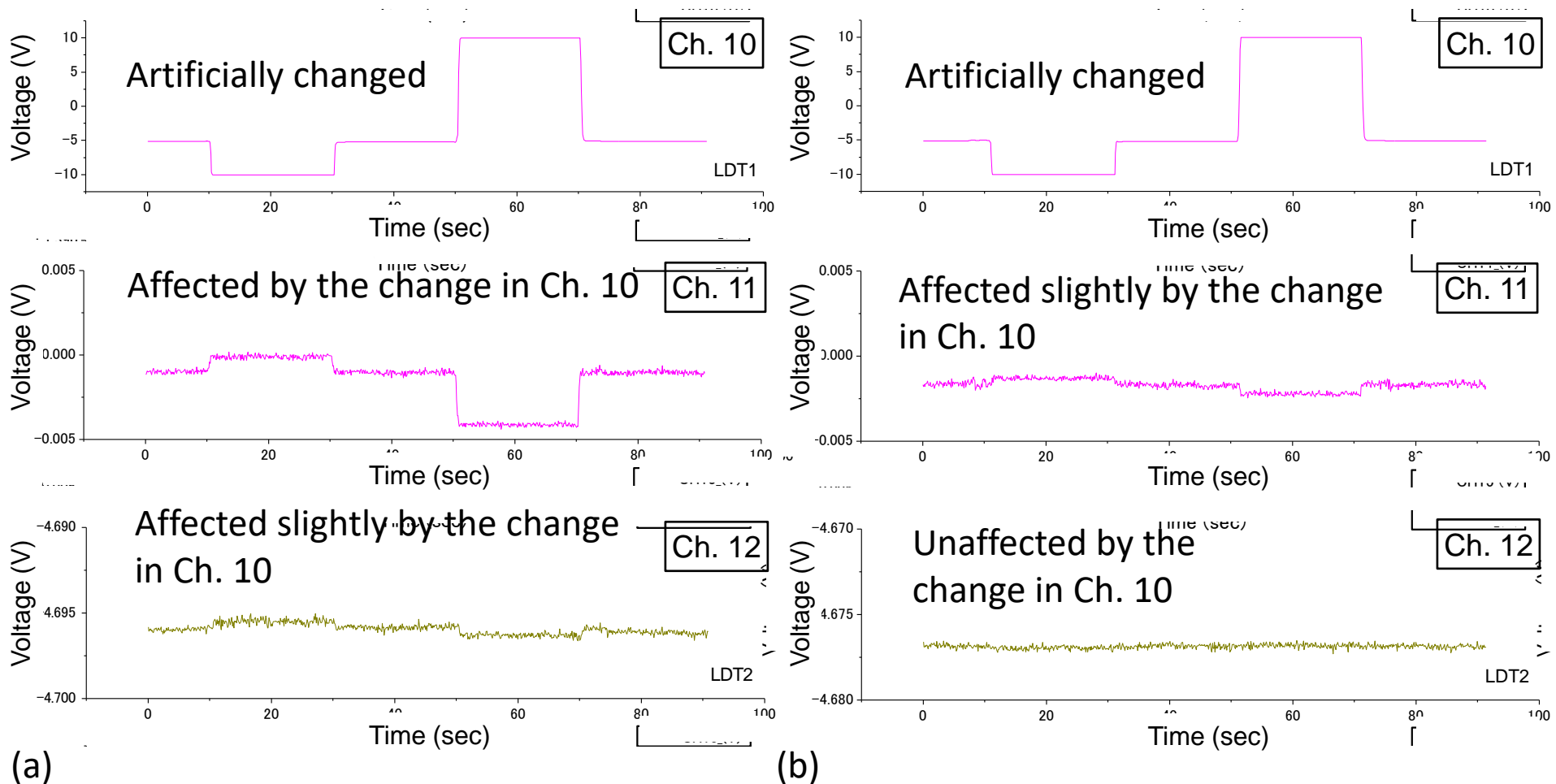


Fig. (a) Crosstalk with $t_{\text{clock}} = 10 \mu\text{sec}$

(b) Crosstalk with $t_{\text{clock}} = 60 \mu\text{sec}$

(unpublished data recorded at IIS, the University of Tokyo, Japan)