

Interactive comment on “Development of a new distributed hybrid seismic-electrical data acquisition station based on system–on-a-programmable-chip technology” by Qisheng Zhang et al.

Qisheng Zhang et al.

li.wh@cugb.edu.cn

Received and published: 22 July 2019

(1) Higher synchronization accuracy and lower noise levels are our constant goals. And in new acquisition stations, we have used the new GPS technology to improve the synchronization accuracy and developed new analog circuits to reduce noise levels. These new results will be shown in our next papers. Thank you for your suggestions. (2) You are quite right and I will use a graph to show the equations (1)-(2). (3) I will redraw these figures to make them clear and add parameter name and scale for each figure to make them formal for publication. (4) Thank you for your revision manuscript

attached and I will carefully revise text and English of the manuscript. (5)Thank you again for your valuable suggestions and comments and I will revise the manuscript according to your suggestions.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss.,
<https://doi.org/10.5194/gi-2019-12>, 2019.

GID

[Interactive
comment](#)

[Printer-friendly version](#)

[Discussion paper](#)



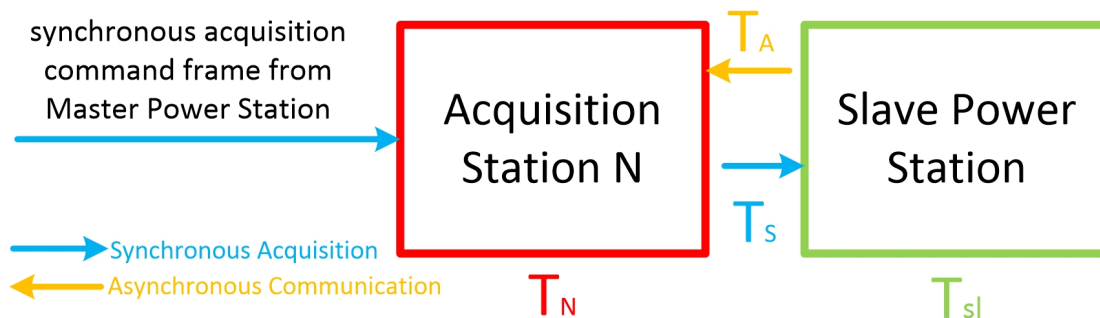


Fig. 1. Schematic diagram of the delay time of the Nth acquisition station

[Printer-friendly version](#)

[Discussion paper](#)



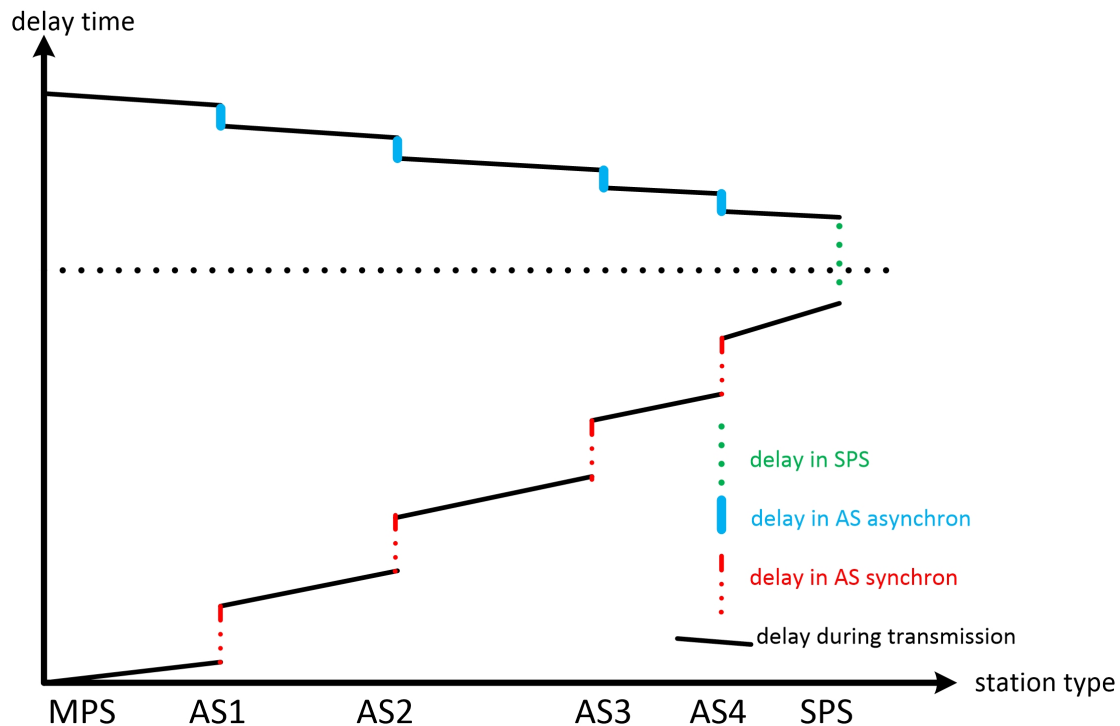


Fig. 2. Schematic of the round-trip transmission delay in data frames between two power stations (MPS, Master Power Station; AS, Acquisition Station; SPS, Slave Power Station)

[Printer-friendly version](#)

[Discussion paper](#)



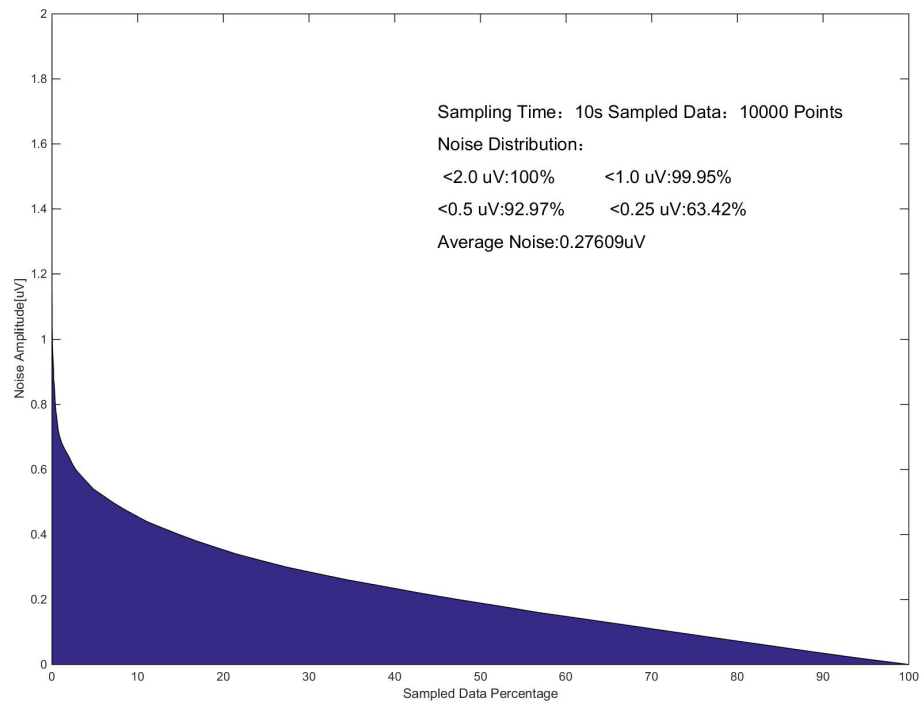


Fig. 3. Distribution of the EIN of a data acquisition station

[Printer-friendly version](#)

[Discussion paper](#)

