

Interactive comment on “Optimized Merging of Search Coil and Fluxgate Data for MMS” by David Fischer et al.

Anonymous Referee #2

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The combining data which is simultaneously measured by fluxgate and search coil magnetometers is important task for obtaining high quality results. So the tasks which authors solved are important for different applications. After correction the method of merging of search coil and fluxgate data became clear. Authors confirm that merging in-flight data can be synchronized within 100 mks. The unclear question is the noise level of the combined data.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., doi:10.5194/gi-2016-11, 2016.