

Interlaboratory Comparison Study - Process and main results

The Pilot Interlaboratory Comparison Study (the “Pilot Study”) was initiated based on recommendations of the Infrasound Expert Group Meetings 2013 and 2014. The scope of the Pilot Study includes the review of the state-of-the-art methods used in the characterization, testing and evaluation of infrasound sensors with the long-term objective of performing Interlaboratory Comparisons. The Pilot Study Group includes three Participants (CEA, SNL, UMiss) and one Coordinator (PTS). In this work, we present the scope and the process of the Pilot Study, including the agreed upon definitions of quantities measured (Self-noise, Dynamic Range, Sensitivity, Frequency Response and Passband), the Technical protocol and the circulation of a set of sensors between Participants. Preliminary results of the Pilot Study will also be discussed based on reports from Participants.

Primary author: DOURY, Benoit (CTBTO)

Presenter: DOURY, Benoit (CTBTO)

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